

TOWN OF ANDOVER.

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ANNUAL REPORT

OF

RECEIPTS AND EXPENDITURES

FOR THE FINANCIAL YEAR ENDING



JANUARY 10, 1893.

TOGETHER WITH THE

REPORT OF WATER COMMISSIONERS.

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ANDOVER, MASS.,  
THE ANDOVER PRESS, PRINTERS.  
1893.





THE  
ANNUAL REPORT  
OF THE  
RECEIPTS AND EXPENDITURES  
OF THE  
TOWN OF ANDOVER.

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For the Financial Year ending January 10th, 1893.

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# REPORT.

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## TOWN MEETINGS.

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Monday, March 7th, 1892.

### WARRANT.

Article 1st. — To choose a Moderator to preside at said meeting.

Article 2d. — To choose Town Clerk, Treasurer, Collector of Taxes, One member of the Board of Selectmen, Assessors, and Overseers of the Poor for three years, a Board of Health or a Health Officer, Two members of the School Committee for two years, and Three members for three years, One Water Commissioner for three years, Five Trustees of the Punchard Free School for three years, One Trustee of the Memorial Hall for seven years, one or more Auditors of Accounts, Constables, Fence Viewers, Field Drivers, Surveyors of Lumber, Pound Keeper, and Committee on Street Lighting.

Article 3d. — To take action on the following question :  
“ Shall Licenses be granted for the Sale of Intoxicating Liquors in this Town ? ”

Article 4th. — To determine the disposition of unexpended appropriations.

Article 5th. — To determine what sums of money shall be appropriated for Schools, School-houses, School Books and Supplies, Highways and Bridges, Sidewalks, Removing Snow, Horses and Drivers, Shade Trees, Town Officers, Town House,

Hay Scales, Fire Department, Insurance, Street Lighting, Printing and Stationery, Spring Grove Cemetery, Memorial Hall, Memorial Day, State Aid, Military Aid, Waterworks, Interest on Bonds, Funds, and Notes, State Tax, County Tax, Discount on Taxes, Abatement of Taxes, Almshouse Expenses, Relief out of Almshouse, Repairs on Almshouse, and Miscellaneous.

Article 6th. — To authorize the Treasurer to hire money for the use of the Town when necessary, upon the approval of the Selectmen.

Article 7th. — To determine the method of collecting the Taxes the ensuing year.

Article 8th. — To fix the pay of the Firemen for the ensuing year.

Article 9th. — To see if the Town will revise and accept the List of names for Jurors, prepared and posted by the Selectmen.

Article 10th. — To hear and act on the Reports of the Selectmen and other Town Officers.

Article 11th. — To see if the Town will instruct the Water Commissioners to release to Abby H. Sawyer a small portion of the land taken for the Reservoir, as shown by a plan prepared by John E. Smith, and also grant to said Sawyer a right of way over the Reservoir lot to the public road.

Article 12th. — To hear the Report of the Water Commissioners on the proposed extension of Water-pipe in the Osgood and Bailey Districts, and act thereon.

Article 13th. — To see if the Town will authorize and instruct the Water Commissioners to extend the line of Water-pipe from its present terminus in Main Street, in Frye Village, along Main and Union Streets, as recommended by said Commissioners in their Report, and appropriate fifteen hundred dollars (\$1500) therefor.

Article 14th. — To see if the Town will authorize and instruct the Water Commissioners to extend the line of

Water-pipe from its present terminus in Elm Street along said Street to a point therein near M. C. Andrews barn, as recommended by said Commissioners in their Report, and appropriate thirty-eight hundred dollars (\$3800) therefor.

Article 15th.—To see if the Town will authorize and instruct the Street Lighting Committee to place incandescent lights on the street leading by the Free Church, and appropriate a sum of money therefor, on petition of Joseph W. Smith and others.

Article 16th.—To see if the Town will authorize and instruct the Street Lighting Committee to place an incandescent light at the corner of Chapel Avenue and Salem Street, and appropriate a sum of money therefor, on petition of Wm. B. Graves and others.

Article 17th.—To see if the Town will vote to repay to Marcus M. Holt twelve dollars (\$12), paid by him for a Street Lamp in 1874. On petition of twelve legal voters.

Article 18th.—To see if the Town will vote to build a Sidewalk on the south side of Elm Street from the house of Charles O. Cummings to William S. Lawson's house, and appropriate a sum of money therefor, on petition of thirteen legal voters.

Article 19th.—To see if the Town will appoint a Committee to consider and investigate the subject of providing a Public Park in Andover, and report thereon, with recommendations as to desirable locations, and cost of same, at some future town meeting, on petition of John N. Cole and others.

Article 20th.—To determine the amount of money to be raised by taxation the ensuing year.

Article 21st.—To transact any other business that may legally come before the meeting.

Took up Article 1st.

George H. Poor was elected Moderator.

*Voted*, To choose three Constables.



*Voted*, To choose three Fence Viewers.

*Voted*, To take up and act on Articles 2d and 3d together.

Peter D. Smith, Samuel H. Boutwell, John S. Stark, George A. Higgins, Barnett Rogers were appointed and sworn as Tellers, by the Moderator.

Took up Articles 2d and 3d, and

At fifteen minutes past nine o'clock, A.M., the meeting proceeded to ballot for Town Officers and to vote on the Liquor License question.

At thirty-five minutes past nine o'clock A.M.,

*Voted*, To close the polls at thirty minutes past one o'clock P.M., and the polls were closed according to said vote.

Edward W. Boutwell, Louis A. Dane, Harry A. Ramsdell were appointed and sworn by the Moderator as Tellers to assort and count the Town Officer votes, and the Town Officer and the License question votes were duly assorted and counted, and the Tellers reported as follows :

FOR TOWN CLERK :

|                    |     |
|--------------------|-----|
| George A. Putnam,  | 366 |
| John H. Flint,     | 1   |
| George A. Higgins, | 1   |

FOR SELECTMAN, ASSESSOR, AND OVERSEER OF POOR,—3 years :

|                 |     |
|-----------------|-----|
| John S. Stark,  | 356 |
| Lewis T. Hardy, | 2   |

FOR TOWN TREASURER :

|                   |     |
|-------------------|-----|
| George A. Parker, | 370 |
|-------------------|-----|

FOR SCHOOL COMMITTEE :

|                                 |     |
|---------------------------------|-----|
| William B. Graves,—3 years,     | 372 |
| Frank O. Baldwin,—3 years,      | 371 |
| Mrs. Lizzie A. Wilson,—3 years, | 372 |
| Mrs. Mary S. Cutler,—2 years,   | 374 |
| John Newton Cole,—2 years,      | 373 |
| Edward G. Coy,                  | 1   |
| Henry W. Barnard,               | 1   |



## FOR COLLECTOR OF TAXES :

|                   |     |
|-------------------|-----|
| George A. Putnam, | 369 |
| John H. Flint,    | 1   |

## FOR WATER COMMISSIONER,—3 years :

|                       |     |
|-----------------------|-----|
| James P. Butterfield, | 371 |
| Lewis T. Hardy,       | 1   |

## FOR BOARD OF HEALTH :

|                     |     |
|---------------------|-----|
| Charles E. Abbott,  | 372 |
| George S. Cole,     | 368 |
| Oberlin B. Howarth, | 369 |
| Lewis T. Hardy,     | 1   |
| Charles Greene,     | 1   |

## FOR TRUSTEES OF PUNCHARD FREE SCHOOL,—3 years :

|                     |     |
|---------------------|-----|
| Samuel H. Boutwell, | 372 |
| Charles H. Gilbert, | 373 |
| George Gould,       | 373 |
| George H. Poor,     | 371 |
| Horace H. Tyer,     | 373 |
| John S. Stark,      | 1   |

## FOR TRUSTEES OF MEMORIAL HALL,—7 years :

|                 |     |
|-----------------|-----|
| James B. Smith, | 371 |
| John Abbott,    | 1   |

## FOR AUDITORS OF ACCOUNTS :

|                    |     |
|--------------------|-----|
| Albert S. Manning, | 372 |
| Barnett Rogers,    | 372 |
| Howell F. Wilson,  | 372 |

## FOR CONSTABLES :

|                    |     |
|--------------------|-----|
| George F. Cheever, | 372 |
| George W. Mears,   | 373 |
| Thomas F. Waldron, | 372 |

## FOR FENCE VIEWERS :

|                   |     |
|-------------------|-----|
| John B. Abbott,   | 368 |
| George Buchan,    | 368 |
| Michael T. Welch, | 371 |
| Thomas Murphy,    | 5   |

|                    |   |
|--------------------|---|
| L. J. Bacigalupo,  | 1 |
| George A. Higgins, | 1 |
| John W. Meldrum,   | 1 |

And the Moderator declared George A. Putnam elected Town Clerk and Collector of Taxes ; George A. Parker elected Town Treasurer ; John S. Stark elected Selectman, Assessor, and Overseer of the Poor for three years ; James P. Butterfield elected a Water Commissioner for three years ; William B. Graves, Frank O. Baldwin, Mrs. Lizzie A. Wilson elected members of the School Committee for three years, and John Newton Cole and Mrs. Mary S. Cutler for two years ; Samuel H. Boutwell, Charles H. Gilbert, George Gould, George H. Poor, Horace H. Tyler elected Trustees of the Punchard Free School for three years ; Charles E. Abbott, George S. Cole, Oberlin B. Howarth elected a Board of Health ; James B. Smith elected a Trustee of Memorial Hall for seven years ; George F. Cheever, George W. Mears, Thomas F. Waldron elected Constables ; Albert S. Manning, Barnett Rogers, Howell F. Wilson elected Auditors of Accounts ; John B. Abbott, George Buchan, Michael T. Welch, elected Fence Viewers.

Vote on the Liquor License question :

“ Yes,” 80.      “ No,” 240.

Chose Field Drivers : James Grosvenor, John M. Holt, Henry M. Hayward, James H. Kibbee, Edward W. Boutwell.

Chose Surveyors of Lumber : Samuel H. Boutwell, John Cornell, William H. Carter, Charles G. Hussey, Henry Gray, Joshua H. Chandler, Charles H. Marland, Horace P. Land.

Chose Committee on Street Lighting : Jonathan M. Bean, Joseph M. Bradley, Charles Greene.

Chose Pound Keeper : Milo H. Gould, and

*Voted*, That the Barn and Barnyard at the Town Farm be the Town Pound.

Took up Article 4th, and

*Voted*, That all unexpended balances of Appropriations be covered into the Treasury.

Took up Article 5th, and

*Voted*, To appropriate the following sums of money :

For Schools, \$15,000.

School-houses, Repairs, \$1,500.

New School-house in the Abbot Village District, \$8,500.

*Voted*, That the School Committee be a Building Committee for the said new School-house.

For completing the grading of the Ballard Vale School-house lot, \$150.

School Books and School Supplies, \$1,000.

For building an addition to the Punchard Free School house, \$8,000.

*Voted*, That the School Committee and the Trustees of the Punchard Free School, jointly, be a Building Committee for said addition.

For Highways, Sidewalks, Horses, and Drivers, \$10,000.

*Voted*, That the said appropriation of ten thousand dollars be expended as follows :

Two thousand five hundred dollars for the ordinary repairing of the town ways, and seven thousand five hundred dollars for building road, under the direction of a competent engineer.

For removing Snow, \$800.

For pay of Town Officers, \$5,000.

For Town House, running expenses, \$1,500.

For lighting Memorial Hall, \$175.

For Waterworks :

|                  |         |          |
|------------------|---------|----------|
| Payment of Bond, | \$4,500 |          |
| Maintenance,     | 3,500   |          |
| New Boiler,      | 2,100   |          |
| Reservoir Land,  | 1,500   |          |
| Service Pipe,    | 1,000   |          |
| Sinking Fund,    | 150     |          |
|                  | <hr/>   | \$12,750 |

*Voted*, To lay Article 5th on the table, and take up Article 11th.

Took up Article 11th, and

*Voted*, That if the Water Commissioners make a settlement with Abby H. Sawyer for land taken for the Reservoir, they be authorized to execute a release, in the name of the Town, to said Sawyer of so much of the Reservoir lot as is marked off on the southerly and easterly sides of the same, as shown by plan prepared by John E. Smith; and also grant to said Sawyer, but not to her heirs or assigns, a right to pass over the Reservoir lot to the public road or way.

Took Article 5th from the table, and

|   |                 |
|---|-----------------|
| <i>Voted</i> , For Fire Department, running expenses, | \$2,500         |
| Fire Department, New Hose,                            | 500             |
| Street Lighting (Contract, Andover                    |                 |
| Electric Co.),  | 4,500           |
| Printing and Stationery,                              | 1,000           |
| Spring Grove Cemetery,                                | 200             |
| (and the amount received from the                     |                 |
| sales of lots, grass, etc.)                           |                 |
| Memorial Day,   | 200             |
| State Aid,  | 1,700           |
| Military Aid,   | 600             |
| Almshouse Expenses,                                   | 4,000           |
| Repairs in Almshouse,                                 | 1,000           |
| Relief out of Almshouse,                              | 4,500           |
| State Tax,  | 6,000           |
| County Tax,   | 6,000           |
| Discount on Taxes,                                    | 3,000           |
| Abatement of Taxes,                                   | 300             |
| Interest on Bonds, Funds, and Notes,                  | 8,500           |
| Insurance,  | 300             |
| Hay Scales,   | 50              |
| Contingent and Miscellaneous Expenses,                | 1,500           |
| [Street Lighting, Article 15th],                      | 75              |
| [Street Lighting, Article 16th],                      | 25              |
| Total Appropriation,                                  | <hr/> \$110,825 |

Took up Article 6th, and

*Voted*, That the Treasurer be authorized, with the approval of the Selectmen, to hire money for the use of the Town, when necessary, in anticipation of taxes, and to be paid therefrom.

Took up Article 7th, and

*Voted*, That all Taxes be collected by the Collector ; that he be paid one per cent on the amount collected ; that a discount of five (5) per cent be allowed on all taxes paid to the Collector on or before September 1st, 1892, and that interest at the rate of six (6) per cent per annum be charged and collected on all taxes remaining unpaid on and after January 1st, 1893.

Took up Article 8th, and

*Voted*, That the Firemen be paid a salary of twenty-five dollars per year for their services.

Took up Article 9th, and

*Voted*, To accept the following List of Names for Jurors :

|                        |                       |
|------------------------|-----------------------|
| Abbott, Almon P.       | Chandler, Joshua H.   |
| Abbott, George T.      | Chase, Herbert F.     |
| Abbott, N. Gilbert.    | Chase, Omar P.        |
| Abbott, Warren G.      | Chickering, Milton.   |
| Bailey, Charles L.     | Claflin, John M.      |
| Bailey, Frank E.       | Clement, Millard A.   |
| Bailey, John B.        | Clemons, Albert E.    |
| Baker, George F.       | Cummings, Brainard.   |
| Billington, Charles F. | Cummings, Charles O.  |
| Blunt, Charles C.      | Daley, James E.       |
| Boutwell, Samuel H.    | Davey, John.          |
| Boynton, Henry.        | Dear, Alexander.      |
| Brown, James A.        | Dick, Alexander.      |
| Burt, Edward W.        | Dodson, Richard J.    |
| Caffrey, Owen F.       | Donald, Walter S.     |
| Chandler, George W.    | Flint, George E., 2d. |

|                      |                       |
|----------------------|-----------------------|
| Flint, Henry K.      | McLawlin, Henry.      |
| Flint, James S.      | Newton, Charles H.    |
| Flint, John H.       | Nolan, James.         |
| Gray, Henry.         | Phelps, Frank C.      |
| Goodwin, Sherman.    | Riley, Lawrence F.    |
| Grosvenor, James.    | Rogers, Barnett.      |
| Hackett, William H.  | Russell, Henry A.     |
| Hanson, Eugene A.    | Saunders, Warren.     |
| Haynes, Bancroft T.  | Scott, John W.        |
| Hayward, Henry M.    | Shapleigh, William T. |
| Holt, Ballard.       | Souter, James, 2d.    |
| Holt, E. Francis.    | Stewart, George.      |
| Hussey, Charles G.   | Stott, Joshua H.      |
| Jaquith, Newton.     | Stott, Thomas E.      |
| Jowett, John W.      | Swift, George F.      |
| Joyce, Patrick V.    | Tuck, M. Warren.      |
| Kendall, Frank H. E. | Tucker, William H.    |
| Leslie, David C.     | Ward, Anthony.        |
| Lowd, Joseph H.      | White, William W.     |
| Matthews, Thomas A.  | Wright, Edgar G.      |

Took up Article 10th, and

*Voted*, To accept the Reports of the Selectmen and other Town Officers.

Took up Article 12th, and

*Voted*, That said Article be indefinitely postponed.

Took up Article 13th, and

*Voted*, That the Water Commissioners be authorized and instructed to petition the Legislature for permission to issue Water Bonds to an amount not exceeding forty thousand (40,000) dollars in addition to those already issued, to be used by the Water Commissioners in extending the water-pipes when a guarantee shall be given by the owners of property on the lines, that the Town shall receive at least four per cent interest on the expense of extending such lines.



Took up Article 14th, and

*Voted*, That said Article be indefinitely postponed.

Took up Article 15th, and

*Voted*, To authorize and instruct the Street Lighting Committee to place incandescent lights on the street leading by the Free Church, and appropriate seventy-five (75) dollars therefor.

Took up Article 16th, and

*Voted*, To authorize and instruct the Street Lighting Committee to place an incandescent light at the corner of Chapel Avenue and Salem Street, and appropriate twenty-five (25) dollars therefor.

Took up Article 17th, and

*Voted*, That the same be indefinitely postponed.

Took up Article 18th, and

*Voted*, To refer the Elm Street Sidewalk matter to the Superintendent of Streets.

Took up Article 19th, and

*Voted*, Not to indefinitely postpone said Article.

*Voted*, That a Committee of five be appointed by the Moderator to consider and investigate the Public Park subject, and report thereon at some future Town Meeting ; and the Moderator appointed William S. Jenkins, John Nelson Cole, Joseph M. Bradley, John L. Smith, Charles L. Carter.

Took up Article 20th, and

*Voted*, To raise sixty thousand (60,000) dollars by taxation the current year.

*Voted*, That the Treasurer be authorized to borrow the sum of twenty thousand (20,000) dollars, and give the notes of the Town therefor, with the approval of the Selectmen, payable in the year 1893, with interest at four per centum per annum ; the proceeds of such notes to be used to pay appropriations made at this meeting not otherwise provided



for by the amount raised by taxation and other revenue of the current year.

Took up Article 21st, and

*Voted*, That the records of this meeting, and of all future Town meetings be printed in the Annual Town Report.

*Voted*, That the Town way leading from Salem Street easterly over Prospect Hill, be named Prospect Street.

*Voted*, That the Selectmen be instructed to invite proposals for supplying of Coal for the use of the Town in all its departments where coal is used, excepting the Water-works department, in order that the coal may be obtained from the lowest bidder therefor.

At eleven minutes past five o'clock P.M.,

*Voted*, That the meeting be dissolved.

**Friday, May 13th, 1892.**

#### **WARRANT.**

Article 1st.—To choose a Moderator to preside at said meeting.

Article 2d.—To see if the Town will authorize the issue of additional Water Bonds under the provisions of Chapter 183 of the Legislative Acts of the present year, determine the amount and terms of issue of such bonds, and instruct the Water Commissioners as to the expenditure of the proceeds of said bonds, if deemed advisable.

Article 3d.—To see if the Town will vote to sell the old School-house and the land belonging therewith, at Ballard Vale.

Article 4th.—To see if the Town will authorize the Fire Department Engineers to sell one of the Steam Fire Engines.

Article 5th.—To see if the Town will authorize the Selectmen to sell the old Village District School-houses, after they have been finally vacated by the School Committee.

Article 6th.—To see if the Town will vote to continue the expenditure of the Highway Appropriation as in the yea

1891, without hiring an Engineer, and appropriate three thousand (3,000) dollars for the support of horses.

Article 7th.—To see if the Town will accept the provisions of section 4 of chapter 35 of the Public Statutes. [Relating to prevention of spreading of fires.]

Article 8th.—To act on any other business that may legally come before the meeting.

Took up Article 1st, and  
George H. Poor was elected Moderator.

Took up Article 2d, and

*Voted*, That the Treasurer be, and he is hereby, authorized to issue the bonds of the Town, to be designated on their face "Andover Water Loan," to the amount of ten thousand (10,000) dollars, in addition to the amounts heretofore authorized and issued for this purpose, the proceeds to be used to pay the expense of supplying the Town with water, as authorized by law. The bonds hereby authorized to be issued shall be ten (10) in number, and of the denomination of one thousand dollars (\$1,000) each; they shall be numbered from 161 to 170, both numbers inclusive; they shall bear date of June 1st, 1892, and shall mature and be paid June 1st 1922; they shall bear interest at the rate of four per centum per annum, and the interest shall be paid semi-annually on the first day of June and December in each year; they shall have coupons attached to them providing for the payment of said interest at the times aforesaid; the interest and principal of said bonds shall be paid at some convenient bank or office in the city of Boston.

Said bonds shall be signed by the Town Treasurer, and countersigned by the Water Commissioners, as required by law in this behalf, and shall be sold by the Treasurer to the highest bidder therefor in proposals to be solicited by him from bankers and others.

For the purpose of paying the principal of said bonds at their maturity a sinking fund is hereby established, in accordance with the provisions of law in this behalf, and the

Treasurer is hereby authorized and required to pay into the sinking fund whatever premiums may be received from the sale of said bonds in excess of their face value, and there shall be raised by taxation and contributed annually to said sinking fund such sums as shall be sufficient, with the accumulations thereof, to pay the principal of said bonds at their maturity. But said sinking fund shall remain inviolate and pledged to the payment of said bonds, and shall not be used for any other purpose.

The foregoing vote was passed unanimously, being eighty-four (84) in the affirmative.

Took up Article 3d, and

*Voted*, To lay it on the table, and take up Article 4th.

Took up Article 4th, and

*Voted*, That said Article be indefinitely postponed.

*Voted*. To take Article 3d from the table, and

*Voted*, That said Article be indefinitely postponed.

Took up Article 5th, and

*Voted*, To authorize the Selectmen to sell the old Village District School-houses after they have been finally vacated by the School Committee.

Took up Article 6th, and

*Voted*, That said Article be indefinitely postponed.

Took up Article 7th, and

*Voted*, To accept the provisions of section 4 of chapter 35 of the Public Statutes.

Took up Article 8th, and

*Voted*, That a Committee of five be appointed by the Moderator, which Committee shall be, and hereby is, authorized to inquire into the subject of public drainage, and report at the next annual Town meeting; and the Moderator appointed William S. Jenkins, William B. Graves, John L. Smith, Joseph M. Bradley, Charles E. Abbott.

*Voted*, That the meeting be dissolved.

## Selectmen's Account.

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### SCHOOLS.

Appropriation by Town, March 7th, \$15000 00

#### PAID ON ACCOUNT OF SCHOOLS.

##### Grammar School.

|                               |                 |
|-------------------------------|-----------------|
| Clara A. Putnam, teaching,    | \$318 47        |
| Susie M. Wilbur, teaching,    | 397 34          |
| Frances W. Meldrum, teaching, | 368 30          |
| Anna E. Chase, teaching,      | 368 30          |
| Laura F. Farnum, teaching,    | 210 46          |
| J. F. Greene, teaching,       | 115 72          |
| Dollie M. Farnum, teaching,   | 115 72          |
| Abbott Erving, janitor,       | 216 00          |
| George W. Chandler, coal,     | 78 50           |
| John Cornell, wood,           | 430 66          |
|                               | <hr/> \$2619 47 |

##### South Centre School.

|                                |          |
|--------------------------------|----------|
| Edith McLawlin, teaching,      | \$391 34 |
| Bertha L. Smith, teaching,     | 273 61   |
| Abbie A. Richardson, teaching, | 368 30   |
| Lucy A. Roache, teaching,      | 368 30   |
| Jennie S. Abbott, teaching,    | 368 30   |
| Minerva Dudley, teaching,      | 252 58   |

*Amount carried forward,* \$2022 43 \$2619 47

Appropriation, \$15000 00

*Amount brought forward*, \$2022 43 \$2619 47

|                            |        |  |
|----------------------------|--------|--|
| Laura F. Farnum, teaching, | 115 72 |  |
| M. L. Bliss, teaching,     | 84 16  |  |
| W. Burt, teaching,         | 7 90   |  |
| Abbott Erving, janitor,    | 216 00 |  |
| George W. Chandler, coal,  | 111 25 |  |
| John Cornell, coal,        | 322 08 |  |
|                            | <hr/>  | <span style="float: right;">\$2879 54</span> |

#### Ballard Vale District.

|                                |          |  |
|--------------------------------|----------|--|
| Daphne S. Knapp, teaching,     | \$391 34 |  |
| Carrie A. Deane, teaching,     | 351 47   |  |
| Mary F. Brown, teaching,       | 344 08   |  |
| Annie O. S. Clemons, teaching, | 368 30   |  |
| R. S. Copeland, teaching,      | 220 97   |  |
| C. M. Clemons, teaching,       | 18 17    |  |
| A. W. R. Davis, teaching,      | 10 53    |  |
| Mrs. W. Higgins, teaching,     | 7 90     |  |
| S. G. Meldrum, teaching,       | 4 74     |  |
| Orrell Ashton, janitor,        | 170 00   |  |
| H. M. Hayward, coal,           | 221 28   |  |
|                                | <hr/>    | <span style="float: right;">\$2108 78</span> |

#### Scotland District.

|                              |        |   |
|------------------------------|--------|---|
| Dollie Farnum, teaching,     | 217 44 |   |
| I. G. Goldthwaite, teaching, | 52 60  |   |
| M. L. Bliss, teaching,       | 31 56  |   |
| Ida Holt, teaching,          | 2 76   |   |
| Winnie Burt, teaching,       | 8 67   |   |
| Alice Gage, teaching,        | 5 53   |   |
| Bertha L. Smith, teaching,   | 12 62  |   |
| Mary McIntire, janitor,      | 14 00  |   |
|                              | <hr/>  | <span style="float: right;">\$345 18</span> |

*Amount carried forward*, \$7952 97

|                                |            |
|--------------------------------|------------|
| Appropriation,                 | \$15000 00 |
| <i>Amount brought forward,</i> | \$7952 97  |

**Holt District.**

|                                  |                |
|----------------------------------|----------------|
| Carrie P. Hayward teaching,      | \$130 49       |
| Annie Woodworth, teaching,       | 231 50         |
| Albert Flint, janitor,           | 14 00          |
| Henry Brownell, wood,            | 18 00          |
| Arthur S. Flint, preparing wood, | 3 00           |
| George S. Flint, preparing wood, | 2 25           |
|                                  | <hr/> \$399 24 |

**Abbott Village District.**

|                                |                 |
|--------------------------------|-----------------|
| Margaret C. Donovan, teaching, | \$391 34        |
| Jennie Birnie, teaching,       | 357 78          |
| Martha Manning, teaching,      | 136 80          |
| M. D. McLeod, teaching,        | 231 50          |
| Mabel F. Smith, teaching,      | 7 89            |
| James Scott, janitor,          | 60 00           |
|                                | <hr/> \$1185 31 |

**Frye Village District.**

|                                 |                 |
|---------------------------------|-----------------|
| Agnes C. Morrison, teaching,    | \$391 44        |
| Helen Barnett, teaching,        | 217 43          |
| Helen W. Battles, teaching,     | 357 77          |
| Lizzie A. Richardson, teaching, | 115 72          |
| Winnie Burt, teaching,          | 10 66           |
| Joseph Milton, janitor,         | 90 00           |
| John Cornell, coal,             | 36 60           |
|                                 | <hr/> \$1219 52 |

**West Centre District.**

|                             |                |
|-----------------------------|----------------|
| Hannah R. Bailey, teaching, | \$391 34       |
| May B. Hardy, teaching,     | 368 30         |
| Ralph Trow, janitor,        | 26 25          |
|                             | <hr/> \$785 89 |

*Amount carried forward,* \$11542 93



|                                |            |
|--------------------------------|------------|
| Appropriation,                 | \$15000 00 |
| <i>Amount brought forward,</i> | \$11542 93 |

**Osgood District.**

|                                    |          |          |
|------------------------------------|----------|----------|
| Alice B. Bodwell, teaching,        | \$221 12 |          |
| L. B. Robinson, teaching,          | 105 20   |          |
| Winnie Burt, teaching,             | 6 32     |          |
| Gertrude Wardman, janitor,         | 14 00    |          |
| Henry K. Flint, wood,              | 4 00     |          |
| Charles L. Bailey, preparing wood, | 6 75     |          |
|                                    | <hr/>    | \$357 39 |

**Bailey District.**

|                             |          |          |
|-----------------------------|----------|----------|
| Eva A. Hardy, teaching,     | \$327 63 |          |
| Edward Flint, janitor,      | 8 00     |          |
| Newton and Flint, janitors, | 6 00     |          |
| Hardy Brothers, wood,       | 7 50     |          |
|                             | <hr/>    | \$349 13 |

**Abbott District.**

|                            |          |          |
|----------------------------|----------|----------|
| Lilla A. Abbott, teaching, | \$327 63 |          |
| Ida J. Holt, teaching,     | 6 90     |          |
| Wesley B. Hardy, janitor,  | 14 00    |          |
| George B. Lovejoy, wood,   | 4 50     |          |
|                            | <hr/>    | \$353 03 |

**North District.**

|                                |          |            |
|--------------------------------|----------|------------|
| Lizzie Richardson, teaching,   | \$221 12 |            |
| Ida J. Holt, teaching,         | 101 21   |            |
| Frederic J. Noyes, janitor,    | 14 00    |            |
|                                | <hr/>    | \$336 43   |
| <i>Amount carried forward,</i> |          | \$12938 91 |



|  |                 |            |
|--|-----------------|------------|
| Appropriation,                                     |                 | \$15000 00 |
| <i>Amount brought forward,</i>                     | \$12938 91      |            |
| H. A. Halstead, Superintendent<br>of Schools,      | \$821 04        |            |
| W. A. Baldwin, Superintendent<br>of Schools,       | 342 10          |            |
| Edward Butterworth, teaching<br>music,             | 368 30          |            |
| Anna A. Robinson, teaching<br>drawing and writing, | 509 63          |            |
| Michael Welch, truant officer,                     | 10 00           |            |
| Joseph Scott, truant officer,                      | 10 00           |            |
|  | <hr/> \$2061 07 |            |
| Total expenditure,                                 | <hr/>           | \$14999 98 |
| Balance unexpended,                                |                 | \$ 02      |

## SCHOOL-HOUSES.

Appropriation, March 7th,

\$1500 00

## PAID ON ACCOUNT OF SCHOOL-HOUSES.

## Grammar School-house.

|                                     |         |                |
|-------------------------------------|---------|----------------|
| Abbott Erving, repairs,             | \$71 86 |                |
| George Saunders, supplies,          | 2 30    |                |
| J. E. Whiting, clocks,              | 15 20   |                |
| M. T. Walsh, labor,                 | 80      |                |
| Edward Butterworth, tuning piano, 1 | 50      |                |
| Brainard Cummings, repairs,         | 103 35  |                |
| Educational Publishing Co.,         |         |                |
| school furniture,                   | 46 60   |                |
| T. P. Harriman, labor,              | 3 55    |                |
| M. E. White, repairs,               | 15 55   |                |
| F. A. Dinsmore, repairs,            | 76 65   |                |
| Herbert Morse, labor,               | 60      |                |
| Smith and Manning, supplies,        | 60      |                |
| Erwin C. Pike, supplies,            | 11 51   |                |
| Henry McLawlin, supplies,           | 4 57    |                |
| H. M. Caldwell, paint,              | 1 73    |                |
| M. C. Andrews, planting tree,       | 1 25    |                |
| Henry P. Noyes, supplies,           | 21 51   |                |
| Brown's Express,                    | 3 64    |                |
| Joseph H. Blunt, labor,             | 3 00    |                |
| W. A. Baldwin, Columbus Day ex-     |         |                |
| penses,                             | 7 99    |                |
| J. L. Hommett, school furniture,    | 43 75   |                |
| H. F. Chase, repairs,               | 2 62    |                |
| Bussey Brothers, supplies,          | 3 00    |                |
|                                     | <hr/>   | \$446 13       |
| <i>Amount carried forward,</i>      |         | <hr/> \$446 13 |

Appropriation, \$1500 00

*Amount brought forward,* \$446 13

**South Centre School-house.**

|                                 |   |          |
|---------------------------------|---|----------|
| George Saunders, supplies,      | \$2 60                                      |          |
| J. E. Whiting, supplies,        | 1 25  |          |
| M. T. Walsh, repairing furnace, | 29 28                                       |          |
| Brainard Cummings, repairs,     | 41 63                                       |          |
| Smith and Manning, supplies,    | 2 20  |          |
| Abbot Erving, labor,            | 51 15                                       |          |
| Winchester Furniture Company,   |   |          |
| school furniture,               | 24 00                                       |          |
| Henry McLawlin, supplies,       | 19 25                                       |          |
| T. A. Holt and Co., supplies,   | 1 86  |          |
| Erwin C. Pike, supplies,        | 4 12  |          |
| A. W. Caldwell, repairs,        | 11 64                                       |          |
| Joseph H. Blunt, labor,         | 3 00  |          |
| Charles M. Muster, labor,       | 22 60                                       |          |
| M. E. White, repairs,           | 17 85                                       |          |
| Henry P. Noyes, supplies,       | 1 20  |          |
| Hardy and Cole, repairs,        | 1 25  |          |
|                                 | <hr style="width: 100px; margin-left: 0;"/> | \$234 88 |

**Ballard Vale School-house.**

|                                   |   |  |
|-----------------------------------|---|--|
| E. Harnden, stone steps,          | \$28 65                                     |  |
| M. T. Walsh, labor,               | 1 05  |  |
| Thomas H. McGovern, repairs,      | 21 00                                       |  |
| Henry McLawlin, supplies,         | 7 25  |  |
| H. P. Ladd and Co., lumber,       | 4 41  |  |
| J. E. Whiting, clock and repairs, | 6 75  |  |
| Orrell Ashton, cleaning,          | 20 00                                       |  |
| John S. Dearborn, repairs,        | 21 60                                       |  |
| F. G. Haynes and Co., supplies,   | 6 65  |  |
| Hardy and Cole, repairs,          | 50 03                                       |  |
| C. H. Shattuck, jr., repairs,     | 6 05  |  |
| William R. Ross, repairs,         | 12 00                                       |  |
|                                   | <hr style="width: 100px; margin-left: 0;"/> | \$185 44   |
| <i>Amount carried forward,</i>    |   | <hr style="width: 100px; margin-left: 0;"/> \$866 45 |

Appropriation, \$1500 00

*Amount brought forward,* \$866 45

**Abbott Village School-house.**

|                                    |        |          |
|------------------------------------|--------|----------|
| George Saunders, supplies,         | 4 30   |          |
| James Scott, cleaning and repairs, | 17 50  |          |
| Smith and Manning, supplies,       | 62     |          |
| Daniel Murphy, labor,              | 2 25   |          |
| George M. Henderson, labor,        | 1 00   |          |
| George H. Wilson, moving school-   |        |          |
| house,                             | 125 00 |          |
| J. E. Whiting, repairing clock,    | 1 50   |          |
| George Buchan, cleaning,           | 5 00   |          |
| Erwin C. Pike, supplies,           | 2 78   |          |
| John Conley, grading,              | 21 00  |          |
| H. F. Chase, repairs,              | 40     |          |
| M. E. White, masonry,              | 121 60 |          |
|                                    | <hr/>  | \$302 95 |

**Holt School-house.**

|                                 |        |         |
|---------------------------------|--------|---------|
| Erwin C. Pike, supplies,        | \$0 95 |         |
| Mrs. George E. Flint, cleaning, | 4 00   |         |
| Henry McLawlin, supplies,       | 42     |         |
| Henry P. Noyes, supplies,       | 19 50  |         |
| Brainard Cummings, repairs,     | 6 87   |         |
| S. L. Sawyer, repairs,          | 3 57   |         |
|                                 | <hr/>  | \$35 31 |

**Scotland School-house.**

|                                 |        |         |
|---------------------------------|--------|---------|
| M. T. Walsh, labor,             | \$1 00 |         |
| Brainard Cummings, repairs,     | 6 50   |         |
| Henry McLawlin, supplies,       | 21     |         |
| J. E. Whiting, repairing clock, | 75     |         |
| T. A. Holt and Co., supplies,   | 15     |         |
| Mrs. Mary Foye, cleaning,       | 3 50   |         |
| Henry P. Noyes, supplies,       | 3 00   |         |
|                                 | <hr/>  | \$15 11 |

*Amount carried forward,* \$1219 82

|                                |           |
|--------------------------------|-----------|
| Appropriation,                 | \$1500 00 |
| <i>Amount brought forward,</i> | \$1219 82 |

**Frye Village School-house.**

|                              |        |          |
|------------------------------|--------|----------|
| Henry P. Noyes, supplies,    | \$0 25 |          |
| J. Warren Mooar, repairs,    | 6 50   |          |
| J. E. Whiting, supplies,     | 1 60   |          |
| Herbert Morse, labor,        | 75     |          |
| Smith and Manning, supplies, | 2 56   |          |
| Joseph Milton, labor,        | 16 08  |          |
| Erwin C. Pike, supplies,     | 77 25  |          |
| Brainard Cummings, repairs,  | 6 50   |          |
|                              | <hr/>  | \$111 49 |

**West Centre School-house.**

|                              |        |         |
|------------------------------|--------|---------|
| Henry P. Noyes, supplies,    | \$7 75 |         |
| J. E. Whiting, supplies,     | 1 05   |         |
| H. A. Halstead, car fare,    | 1 10   |         |
| H. E. Dole, repairing clock, | 75     |         |
| Erwin C. Pike, supplies,     | 26 40  |         |
| Mrs. Hayes, cleaning,        | 3 00   |         |
| Brainard Cummings,           | 5 50   |         |
| H. F. Chase, repairs,        | 50     |         |
| Edwin H. Barnard, painting,  | 3 00   |         |
|                              | <hr/>  | \$49 05 |

**Bailey School-house.**

|   |         |           |
|---|---------|-----------|
| George Saunders, repairing and<br>pump, | \$11 75 |           |
| Brainard Cummings, repairs,             | 1 90    |           |
| Henry McLawlin, supplies,               | 25      |           |
| M. E. White, repairs,                   | 3 80    |           |
| Charles H. Newton, repairs,             | 13 19   |           |
| Mary Hardy, cleaning,                   | 5 00    |           |
| Eva A. Hardy, curtains,                 | 7 50    |           |
|   | <hr/>   | \$48 39   |
| <i>Amount carried forward,</i>          |         | \$1428 75 |

Appropriation, \$1500 00

*Amount brought forward,* \$1428 75

**Osgood School-house.**

|                              |       |         |
|------------------------------|-------|---------|
| Erwin C. Pike, supplies,     | 4 18  |         |
| Mrs. Joseph Gorst, cleaning, | 5 00  |         |
| Henry Bourdelais, labor,     | 5 00  |         |
| Charles H. Newton, repairs,  | 1 50  |         |
|                              | <hr/> | \$15 68 |

**Abbott School-house.**

|                               |        |         |
|-------------------------------|--------|---------|
| Erwin C. Pike, supplies,      | \$8 62 |         |
| J. E. Whiting, supplies,      | 35     |         |
| Mrs. T. Fitzgerald, cleaning, | 11 20  |         |
| T. A. Holt and Co., supplies, | 15     |         |
| Charles H. Newton,            | 7 25   |         |
|                               | <hr/>  | \$27 57 |

**North School-house.**

|                               |        |         |
|-------------------------------|--------|---------|
| W. H. Eaton, repairing clock, | \$0 25 |         |
| Frederick J. Noyes, cleaning, | 6 00   |         |
| Brainard Cummings,            | 14 50  |         |
|                               | <hr/>  | \$20 75 |

|                    |       |           |
|--------------------|-------|-----------|
| Total Expenditure, | <hr/> | \$1492 75 |
|--------------------|-------|-----------|

|                     |  |              |
|---------------------|--|--------------|
| Balance unexpended, |  | <hr/> \$7 25 |
|---------------------|--|--------------|

## SCHOOL-BOOKS AND SCHOOL SUPPLIES.

|                               |         |           |
|-------------------------------|---------|-----------|
| Appropriation, March 7th,     |         | \$1000 00 |
| H. S. Leach,                  | \$24 75 |           |
| Boston School Supply Company, | 135 00  |           |
| American Express Company,     | 2 25    |           |
| Prang Educational Company,    | 31 56   |           |
| Silver, Burdett, and Co.,     | 14 95   |           |
| John N. Cole,                 | 28 10   |           |
| George F. King and Merrill,   | 186 53  |           |
| Thompson, Brown, and Co.,     | 54 25   |           |
| Abraham Marland, Postmaster,  | 4 00    |           |
| H. A. Halstead,               | 5 85    |           |
| Eberhard Faber,               | 9 85    |           |
| Ginn and Company,             | 28 05   |           |
| Educational Publishing Co.,   | 44 64   |           |
| Leach, Shewell, and Sanborn,  | 86 05   |           |
| William Ware and Co.,         | 25 35   |           |
| D. C. Heath and Co.,          | 117 09  |           |
| J. H. Hammett,                | 43 09   |           |
| J. C. White,                  | 4 57    |           |
| Lee and Shepard,              | 1 60    |           |
| Edward Butterworth,           | 90      |           |
| American Book Company,        | 13 83   |           |
| Eastern Educational Bureau,   | 80      |           |
| C. B. Goodrich & Co.,         | 90 00   |           |
| O. W. Neal,                   | 5 40    |           |
| Dyer & Co.,                   | 10 00   |           |
| Brown's Express,              | 10 35   |           |
| Andover Press,                | 7 60    |           |
| W. A. Baldwin,                | 4 84    |           |
| Greenough, Adams & Co.,       | 1 50    |           |
| E. L. Kellogg & Co.,          | 1 00    |           |
| Goodell & Co.,                | 1 25    |           |
| Total expenditure,            | —       | \$1000 00 |



## ABBOTT VILLAGE SCHOOL-HOUSE.

|                                     |          |                 |
|-------------------------------------|----------|-----------------|
| Appropriation March 7th,            |          | \$8500 00       |
| John McCarty, labor,                | \$475 00 |                 |
| Brainard Cummings, stock and labor, | 35 04    |                 |
| W. P. Regan, architect,             | 227 00   |                 |
| Total expenditure,                  | <hr/>    | \$737 04        |
| Balance unexpended,                 |          | <hr/> \$7762 96 |

## PUNCHARD SCHOOL EXTENSION.

|                                   |          |                |
|-----------------------------------|----------|----------------|
| Appropriation March 7th,          |          | \$8000 00      |
| George W. Cole, architect,        | \$150 00 |                |
| Cole & Chandler, architects,      | 145 72   |                |
| Hardy & Cole, stock and labor,    | 6600 00  |                |
| Fuller & Warner, stock and labor, | 500 00   |                |
| Henry Cunningham, labor,          | 15 40    |                |
|                                   | <hr/>    | \$7411 15      |
| Balance unexpended,               |          | <hr/> \$588 85 |

## HIGHWAYS AND BRIDGES.

|   |            |
|---|------------|
| Appropriation, March 7th,                 | \$10000 00 |
| Work done for Boston & Maine R. R.,       | 208 00     |
|   | <hr/>      |
|   | \$10208 00 |
| J. T. Lovejoy, superintendent of streets, | \$1024 90  |
| Thomas Leslie,                            | 24 84      |
| William White,                            | 101 00     |
| William Leary,                            | 306 33     |
| James O. Carter,                          | 339 92     |
| Hiram Carter,                             | 6 00       |
| Patrick Harnett,                          | 121 50     |
| Dennis Driscoll,                          | 262 00     |
| T. C. Sullivan,                           | 236 75     |
| F. Smith,                                 | 3 00       |
| Frank McCluskey,                          | 249 67     |
| Timothy Madden,                           | 304 35     |
| John Madden,                              | 55 67      |
| S. A. Lovejoy,                            | 152 16     |
| Michael Stack,                            | 88 00      |
| Frank White,                              | 10 00      |
| George W. Blood,                          | 383 75     |
| James Grieve,                             | 21 00      |
| Horatio Barnard, posts,                   | 6 00       |
| J. Leonard, iron work,                    | 80         |
| Almon P. Abbott,                          | 22 61      |
| John Leary,                               | 1 83       |
| Henry McLawlin, supplies,                 | 152 47     |
| John McCarthy, labor and stock,           | 59 00      |
| John Cornell, gravel,                     | 9 40       |
| John Howell,                              | 4 00       |
| Reuben Webb,                              | 57 00      |
| E. Pike, supplies,                        | 14 31      |
| Water Commissioners,                      | 10 82      |
| Underhay Oil Co., oil,                    | 22 42      |
|   | <hr/>      |
| <i>Amount carried forward,</i>            | \$4051 50  |

|                                       |            |
|---------------------------------------|------------|
| Appropriation,                        | \$10208 00 |
| <i>Amount brought forward,</i>        | \$4051 50  |
| American Express Co.,                 | 1 70       |
| Hardy & Cole, stock and labor,        | 560 54     |
| Smith & Manning, supplies,            | 2 03       |
| A. J. Wellington, supplies,           | 62 28      |
| Turner H. Lord,                       | 186 26     |
| John Shaw,                            | 63 16      |
| Adelbert A. Shaw,                     | 138 00     |
| John Nuckley,                         | 97 00      |
| Patrick Murphy,                       | 52 33      |
| James Callahan,                       | 40 67      |
| Peter Riley,                          | 114 66     |
| Jesse Haigh,                          | 3 00       |
| John Dearborn, stock and labor,       | 9 87       |
| A. M. Bancroft,                       | 11 75      |
| Alexander Durrah,                     | 60 86      |
| J. Mahoney,                           | 12 83      |
| Joseph Dion,                          | 54 83      |
| Trustees of Phillips Academy, gravel, | 8 64       |
| Richard Williamson,                   | 7 50       |
| R. P. Reed,                           | 6 25       |
| Mrs. David Morgan,                    | 5 00       |
| Herbert F. Chase, supplies,           | 3 95       |
| J. T. Lovejoy, supplies and ladder,   | 1 90       |
| James Cross,                          | 4 50       |
| Jerry Golden,                         | 20 50      |
| John Noyes, labor and wood,           | 20 00      |
| Smith & Dove Manufacturing Co., flax, | 1 30       |
| James A. Treat, supplies,             | 22 58      |
| Lawrence Hardware Co., supplies,      | 50         |
| James Sullivan,                       | 70 17      |
| Frank O. White,                       | 24 00      |
| James J. Abbott,                      | 3 60       |
| John Driscoll,                        | 20 00      |
| Anderson and Bowman, ironwork,        | 54 15      |
| <i>Amount carried forward,</i>        | \$5797 81  |

|                                     |            |
|-------------------------------------|------------|
| Appropriation,                      | \$10208 00 |
| <i>Amount brought forward,</i>      | \$5797 81  |
| Thomas P. Harriman, iron-work,      | 20 90      |
| Dennis Sweeney, iron-work,          | 3 34       |
| Mrs. Georgiana Dole,                | 10 50      |
| Milo H. Gould, labor and gravel,    | 228 96     |
| William H. Tucker,                  | 66 00      |
| Howard Baker,                       | 15 75      |
| George Stover,                      | 21 15      |
| Samuel Thayer,                      | 1 00       |
| John Sweeney,                       | 15 75      |
| Dennis Sweeney,                     | 10 50      |
| Daniel Stiles,                      | 7 50       |
| Joseph Johnson,                     | 9 00       |
| George Remmes,                      | 6 75       |
| Sarah Jenkins, gravel,              | 16 32      |
| Warren Saunders,                    | 76 17      |
| Boston and Maine R.R., freight,     | 8 46       |
| George Buchan,                      | 1 50       |
| George Pillsbury, wood,             | 104 00     |
| Joseph Bourdelais,                  | 56 50      |
| William Poor, iron-work,            | 19 30      |
| J. J. Foye,                         | 3 00       |
| John Connelly,                      | 15 00      |
| Henry E. Gould,                     | 22 62      |
| Mrs. R. A. Carter, damage to fence, | 2 00       |
| Fred Byron, supplies,               | 1 20       |
| William Harnedy,                    | 16 50      |
| Hugh Malcomb,                       | 227 82     |
| Frank Goodwin,                      | 140 50     |
| Harry Abbott,                       | 196 50     |
| Burnham & Page, supplies,           | 3 20       |
| Silas Buck,                         | 28 50      |
| Albert A. Hardy,                    | 44 00      |
| John Maddox,                        | 42 00      |
| James Hughes,                       | 2 50       |
| <i>Amount carried forward,</i>      | \$7242 50  |

|  |            |
|--|------------|
| Appropriation,                         | \$10208 00 |
| <i>Amount brought forward,</i>         | \$7242 50  |
| Albert Smith,                          | 13 17      |
| Lindsay A. Nelson,                     | 11 33      |
| Nelson A. Hilbert,                     | 36 00      |
| Patrick B. Mahoney,                    | 75         |
| Rufus Bailey, labor, gravel, and wood, | 47 33      |
| B. F. Brown,                           | 50         |
| William Forbes & Son, supplies,        | 3 03       |
| George Saunders, supplies,             | 70         |
| Albert Blood, supplies,                | 12 62      |
| Samuel Cheever,                        | 4 02       |
| T. A. Holt & Co., supplies,            | 1 15       |
| Stephen Blaney, gravel,                | 3 60       |
| George H. Pearson,                     | 13 50      |
| Joseph W. Smith,                       | 2 00       |
| F. G. Haynes & Co., supplies,          | 75         |
| Brown's Express,                       | 2 20       |
|  | <hr/>      |
|  | \$7395 05  |

## HORSES AND DRIVERS

|   |           |
|---|-----------|
| George F. Baker, straw,                   | \$43 71   |
| Charles F. Mayer and Son, harness, labor, | 75 15     |
| John Cornell, straw,                      | 3 80      |
| James Napier, care of horses,             | 520 00    |
| Frank M. Smith, care of horses,           | 780 00    |
| Henry McLawlin, hardware,                 | 32 28     |
| Peter D. Smith, hay,                      | 328 64    |
| Smith and Manning, grain,                 | 356 09    |
| T. A. Holt and Co., grain,                | 174 63    |
| Andover Electric Light Company, light,    | 22 50     |
| John O'Connell, labor,                    | 9 75      |
| Arthur Bliss, medicine,                   | 10 40     |
| Anderson and Bowman, iron-work,           | 66 51     |
| Thomas P. Harriman, iron-work,            | 63 25     |
| <i>Amount carried forward,</i>            | <hr/>     |
|   | \$2486 71 |

|  |           |            |
|--|-----------|------------|
| Appropriation,                             |           | \$10208 00 |
| <i>Amount brought forward,</i>             | \$2486 71 |            |
| Brainard Cummings, lumber and labor,       | 5 55      |            |
| J. F. Winchester, professional services,   | 6 50      |            |
| C. H. Shattuck, harness, stock, and labor, | 7 70      |            |
| F. E. Morse, care of horses,               | 254 00    |            |
| George W. Blood, labor,                    | 1 50      |            |
| William Poor, repairs,                     | 5 60      |            |
| W. H. Higgins, labor,                      | 1 00      |            |
| Milo H. Gould, hay,                        | 40 00     |            |
|  | <hr/>     |            |
|  | \$2808 56 |            |
| Highways, etc.                             | 7,395 05  |            |
| Total expenditure,                         | <hr/>     | \$10203 61 |
| Balance unexpended,                        |           | <hr/> 4 39 |

## REMOVING SNOW.

|                                |          |          |
|--------------------------------|----------|----------|
| Appropriation, March 7th,      |          | \$800 00 |
| John Sweeney,                  | \$0 45   |          |
| George W. Chandler,            | 15 75    |          |
| S. Arthur Lovejoy,             | 7 50     |          |
| John L. Noyes,                 | 2 50     |          |
| Hiram Carter,                  | 3 17     |          |
| James O. Carter,               | 9 09     |          |
| Timothy Madden,                | 11 17    |          |
| John Madden,                   | 11 17    |          |
| Thomas Leslie,                 | 10 50    |          |
| William Leary,                 | 10 67    |          |
| Charles A. Jameson,            | 2 17     |          |
| Patrick Murphy,                | 4 83     |          |
| Edgar Wright,                  | 50       |          |
| Dennis Driscoll,               | 1 50     |          |
| Timothy C. Sullivan,           | 3 17     |          |
| E. S. Hardy,                   | 4 15     |          |
| Joseph Bourdelais,             | 18 65    |          |
| Fred Symonds,                  | 3 37     |          |
|                                | <hr/>    |          |
| <i>Amount carried forward,</i> | \$120 31 |          |

|                                 |          |          |
|---------------------------------|----------|----------|
| Appropriation,                  |          | \$500 00 |
| <i>Amount brought forward,</i>  | \$120 31 |          |
| Howard Baker,                   | 2 25     |          |
| Boynton Baker,                  | 2 25     |          |
| William Callahan,               | 2 25     |          |
| William H. Tucker,              | 34 05    |          |
| John Leeney,                    | 1 50     |          |
| Dennis Leeney,                  | 1 50     |          |
| James Dole,                     | 1 50     |          |
| Silas Buck,                     | 42 00    |          |
| John C. Hovey,                  | 7 16     |          |
| C. L. Bailey,                   | 90       |          |
| Charles C. Blunt,               | 31 95    |          |
| Milo H. Gould,                  | 13 39    |          |
| A. T. Gould,                    | 7 00     |          |
| William H. Carter,              | 15 00    |          |
| W. C. Thomas,                   | 2 00     |          |
| Henry E. Gould,                 | 27 00    |          |
| George Leighton,                | 2 25     |          |
| Samuel H. Boutwell,             | 2 00     |          |
| Dennis Driscoll,                | 2 67     |          |
| James J. Abbott,                | 13 20    |          |
| A. M. Bancroft,                 | 2 50     |          |
| Joshua Bailey,                  | 1 35     |          |
| John Howell,                    | 7 80     |          |
| Edward W. Burt,                 | 15 75    |          |
| N. R. Bailey,                   | 4 50     |          |
| T. P. Harriman, sled and labor, | 52 75    |          |
| Joshua H. Chandler,             | 10 95    |          |
| B. F. Smith,                    | 19 05    |          |
| Peter Shevlin,                  | 7 00     |          |
| George Dane,                    | 67       |          |
| William Forsaith,               | 1 35     |          |
| George Boutwell,                | 3 25     |          |
| John Maddox,                    | 2 00     |          |
| Mrs. J. J. Downing,             | 7 35     |          |
| Total expenditure,              | <hr/>    | \$468 40 |
| Balance unexpended,             |          | \$331 60 |



## REPORT OF THE SUPERINTENDENT OF STREETS.

TO THE SELECTMEN OF THE TOWN OF ANDOVER :

*Gentlemen,* — I herewith present my third annual report of Highways and Bridges.

March 28, we began work at the railroad bridge on Main Street and graded toward Lawrence as far as Stimpson's bridge, repairing the sidewalks on both sides where needed. On the east side, at Mr. Donovan's, one hundred and eight (108) one-horse loads were carted away and used for filling north of Stimpson's bridge. This road between the two bridges required over 1000 loads of broken stones.

From there we began on Main Street where Morton crosses, stoning the road and filling the gutters, removing all pipe and bringing the sidewalks to grade as far as Benjamin Brown's store, at the square. The sidewalk at Edward Taylor's being low, it necessitated a grade of twenty inches.

Our next move was to take the crusher to Rufus Bailey's, on the River Road. Here we opened up a new pit, and found material enough to macadam the whole town of Andover if it were situated conveniently. Five hundred loads were taken from here and put on the road between Fish Brook and house of said Bailey, making a little over one-half mile of road.

While we were at work there the town teams began work on Bartlet Street. After having worked for a day and a half, the long looked for engineer arrived in the person of Mr. McClintock, Chelsea, Mass. I was ordered by the Selectmen to meet them and said gentleman at the Town House at 8.30, A.M., which I did. A few moments later we all started up Main Street to Morton, over the piece of road just completed. No change was suggested by said gentleman, except that a grate be put in where the water dropped from a culvert to the brook near Edward Taylor's house. From there we

went to School Street, then to Central, to a piece of road macadamized last year, over this to Pratt's Hill. This was in a bad condition, and written complaints had been made to the Selectmen. I asked the engineer how I should fix it. After looking it over for a few minutes he said, "Leave the grade just as it is, put on six inches of broken stone, and the job is done."

We next visited the Red Springs. He examined the material and pronounced it good. From there we went to Cuba Hill, near the old Cogswell place. I again asked his advice in regard to fixing this hill. From there we went to Marland Village to Stimpson's bridge, and looked over the piece of work done in April.

At this point the Selectmen asked Engineer McClintock his opinion. He replied, "Gentlemen, this is the common sense kind of roads, and I should build in the same way myself. It is the way we all build them."

We then repaired to the Town House, and in further conversation he said, "I do not understand how your Superintendent obtained such good results without a roller. I shall have to come to him for points." This he repeated. It was very gratifying to me, after having been buried with the Fathers of the Town at Den Rock, underneath the stone crusher. The interview ended, and the engineer received his \$25 and returned on the 12.20 P.M. train.

The governor having heard that he had been sent for from Andover appointed him on the State Board of Highway Commissioners.

August 18 the crusher was brought back to the Red Springs.

In repairing Pratt's Hill I did as the engineer suggested, only I put on nine inches instead of six. This we built twenty-two feet wide, leaving off at the Shawsheen Bridge. We also built twenty rods of new sidewalk on the south side of this road. This gives an unbroken line of stoned road from the river to the house of B. F. Smith on Central Street.

I had just commenced at B. F. Smith's to go to the South Church when the snow drove me off. Could I have completed this, I should have had an unbroken stoned road to the house of William Brown, near the foot of High Street.

Forty-one cubic yards of stone have been carried to Ballardvale, near the Congregational Church. From here we went to Cuba Hill. This was stoned as suggested by Engineer McClintock of Chelsea. Turning the corner, we stoned the Abbott Village Hill, down to the river bridge, grading the sidewalk where needed, and removed the culvert in front of Patrick Burke's.

School Street has been stoned from Essex to Railroad Street. At the Square one hundred and sixty-five dollars have been expended in laying drain-pipe, building manholes, paving, raising the flag-stones, and grading. Park Street has been graded from Main to Punchard Avenue; Bartlet from Park to Chestnut Streets; Chestnut from Bartlet to Punchard Avenue. The sidewalk on Bartlet Street has been filled to grade from Punchard walk, forty-two rods south requiring about fifteen inches of filling. Twenty rods have been graded on Porter Street. The entire street from Central to Woburn has been graded; also, twenty rods on Woburn Street.

One hundred and seven loads of gravel have been put on the road near Hardy Brothers' place in West Andover, and fifty-seven loads have been put on the hills near Daniel Trow's.

Nearly a mile of the old railroad has been graded with the scraper; also from Washington Avenue to the North Andover line by the same machine; also one mile from the Wilmington line, coming toward Andover, on the road leading to Foster's Pond.

More than three miles of road have been repaired in the same manner in the west part of the town. The hill on Lowell Street near Peter D. Smith's has been re-surfaced.

Bushes have been cut in West Andover, and in Frye Vil-

lage, Cape and Scotland Districts, and in Ballard Vale where needed.

The sidewalks on Marland Street, Ballardvale, have been graded from the top of the hill to the Methodist Church. About eight rods of new sidewalk have been laid from Patrick Conway's to Lowell Street, and the gutters have been cleaned on several streets.

The gutters have been cleaned on Main, Central, School, Essex, Brook, Pearson, Elm, and High Streets, and on Maple Avenue.

The trees have been trimmed on Maple and Punchard Avenues, Elm, School, and Central Streets. The large elm near Whiting's store has been removed, with several others.

Length of roads stoned, two miles and fifteen rods. Two hundred rods of this are thirty-six feet wide, being eighteen feet each side of the track, equal to one mile and eighty rods of single road.

Length of road gravelled, including work done with the road machine, eight and one-half miles.

The bridge at Frye Village has been new planked, and the Shawsheen bridge at Hartwell Abbott's has been repaired. Three culverts have been rebuilt.

Eight hundred and eighteen feet of railing have been put up in the following places: Haggetts Pond, Frye Village, Essex, Cuba, and School Streets.

Two thousand and thirty-eight loads of gravel have been used, and five thousand, three hundred and fourteen cubic yards of stone and gravel have been run through the crusher. Over three hundred loads of road-wash have been used for filling, and about the same number have been sold, and the money paid to the Town Treasurer.

Two hundred and six dollars have been received from the Boston & Maine Railroad Co. for grading, and paid to the Town Treasurer.

The stones have been raked away every two weeks during the season. Two men worked six weeks sinking the large stones that were in the roads about town.

Two hundred and twenty-seven loads of gravel have been placed on the road leading from Frank Cunningham's to Warren Bailey's, known as the Warren Bailey lane (this gravel was given by said Bailey), several large stones have been removed, and the bushes have been cut.

Respectfully yours,

JOSEPH T. LOVEJOY,

*Sup't of Streets.*

### Earnings of Town Horses.

Earnings of Highway Horses from January 12, 1892, to 12th, 1893 :

#### Highways :

|               |         |           |
|---------------|---------|-----------|
| January,      | \$29 00 |           |
| February,     | 21 90   |           |
| March,        | 99 00   |           |
| April,        | 216 00  |           |
| May,          | 165 98  |           |
| June,         | 218 00  |           |
| July,         | 207 00  |           |
| August,       | 202 00  |           |
| September,    | 216 00  |           |
| October,      | 189 00  |           |
| November,     | 171 00  |           |
| December,     | 171 00  |           |
| January 1893, | 27 00   |           |
|               | <hr/>   | \$1932 98 |

#### Snow :

|                |         |        |
|----------------|---------|--------|
| January,       | \$18 90 |        |
| February,      | 51 00   |        |
| March,         | 21 00   |        |
| January, 1893, | 19 00   |        |
|                | <hr/>   | 109 90 |

|                  |        |           |
|------------------|--------|-----------|
| Fire Department, | 117 50 |           |
| Total earnings,  | <hr/>  | \$2160 38 |

### Pay of Drivers of Town Teams.

|                            |          |           |
|----------------------------|----------|-----------|
| Frank Smith,               | \$720 00 |           |
| James Napier,              | 480 00   |           |
| Frank Morse (nine months), | 288 00   |           |
|                            | <hr/>    | \$1488 00 |



## TOWN OFFICERS.

|  |                  |
|--|------------------|
| Appropriation, March 7th,  | \$5000 00        |
| George H. Poor, Moderator,   | \$10 00          |
| George H. Poor, Town Counsel,  | 100 00           |
| Selectmen, Assessors, and Overseers of<br>the Poor :                                   |                  |
| Peter D. Smith,  | 500 00           |
| Samuel H. Boutwell,  | 400 00           |
| John S. Stark,   | 400 00           |
| George A. Parker, Town Treasurer,  | 300 00           |
| George A. Putnam, Town Clerk, Regis-<br>trar of Voters, and Tax Collector,<br>1891-92, | 701 55           |
| Water Commissioners :  |                  |
| John H. Flint,   | 100 00           |
| Felix G. Haynes,   | 100 00           |
| James P. Butterfield,  | 100 00           |
| Board of Health :  |                  |
| Charles E. Abbott,   | 75 00            |
| Oberlin B. Howarth,  | 60 00            |
| Registrars of Voters :   |                  |
| Henry McLawlin,  | 19 75            |
| Joseph F. Cole,  | 19 75            |
| Charles A. H. Fisher,  | 25 75            |
| Election Officers :  |                  |
| John F. Hurley,  | 3 00             |
| John F. McGuinness,  | 3 00             |
| William Charnley,  | 5 00             |
| P. J. Hannon,  | 5 00             |
| Barnett Rogers,  | 5 00             |
| John J. Sweeney,   | 5 00             |
| Frederick S. Boutwell,   | 5 00             |
| <i>Amount carried forward,</i>   | <i>\$2942 80</i> |



|   |           |
|---|-----------|
| Appropriation,                                    | \$5000 00 |
| <i>Amount carried forward,</i>                    | \$2942 80 |
| Frank B. Jenkins,                                 | 5 00      |
| William P. Regan,                                 | 5 00      |
| Edward E. Trefry,                                 | 5 00      |
| Harry A. Ramsdell,                                | 5 00      |
| Arthur Bliss,                                     | 5 00      |
| Daniel A. Collins,                                | 5 00      |
| Timothy O'Brien,                                  | 5 00      |
| George A. Higgins,                                | 5 00      |
| Joseph A. Smart,                                  | 5 00      |
| Howell F. Wilson,                                 | 5 00      |
| John Davey,                                       | 5 00      |
| Lawrence F. Riley,                                | 5 00      |
| N. E. Mears,                                      | 5 00      |
| Charles H. Shattuck, jr.,                         | 5 00      |
| John N. Cole,                                     | 3 00      |
| George B. Burnham,                                | 3 00      |
| Daniel C. Hilton,                                 | 3 00      |
| William A. Duley,                                 | 3 00      |
| Auditors of Accounts:                             |           |
| Barnett Rogers,                                   | 5 00      |
| George F. Cheever, chief of police and constable, | 780 00    |
| Geo. W. Mears, policeman and constable,           | 720 00    |
| Elmer H. Shattuck, constable,                     | 39 50     |
| Thomas Waldron, constable,                        | 30 25     |
| Policemen:  |           |
| William L. Frye,                                  | 85 25     |
| Maurice Donchue,                                  | 11 50     |
| John W. Tough,                                    | 8 00      |
| Michael T. Welch,                                 | 52 75     |
| J. Warren Mooar,                                  | 8 00      |
| Elwyn Teague,                                     | 112 75    |
| John Davey,                                       | 10 00     |
| <i>Amount carried forward,</i>                    | \$4887 80 |

|                                |                 |
|--------------------------------|-----------------|
| Appropriation,                 | \$5000 00       |
| <i>Amount brought forward,</i> | \$4887 80       |
| Firewards:                     |                 |
| John B. Jenkins,               | 38 80           |
| Richard J. Dodson,             | 12 50           |
| Charles C. Blunt,              | 8 50            |
| William H. Sleath,             | 10 00           |
| Joshua H. Chandler,            | 15 50           |
| Total expenditure,             | <hr/> \$4973 10 |
| Balance unexpended,            | <hr/> \$26 90   |

## TOWN HOUSE.

|                                     |                 |
|-------------------------------------|-----------------|
| Appropriation, March 7th,           | \$1500 00       |
| Robert Bell, janitor, 1891 and '92, | \$300 00        |
| M. E. White, labor,                 | 13 00           |
| E. Pike, labor and supplies,        | 37 98           |
| Henry McLawlin, supplies,           | 8 15            |
| Andover Electric Co., light,        | 433 97          |
| John Connelly, labor,               | 9 00            |
| Hardy and Cole, stock and labor,    | 14 22           |
| John Cornell, coal,                 | 264 73          |
| Smith and Manning, supplies,        | 2 22            |
| George F. Baker, wood,              | 8 00            |
| George Busfield, sawing wood,       | 1 25            |
| Brainard Cummings, stock and labor, | 9 10            |
| Brown's Express,                    | 40              |
| Total expenditure,                  | <hr/> \$1102 02 |
| Balance unexpended,                 | <hr/> \$397 98  |

## HAY SCALES.

|                                  |               |
|----------------------------------|---------------|
| Appropriation, March 7th,        | \$50 00       |
| Hardy and Cole, stock and labor, | \$1 80        |
| Jonathan M. Bean, weigher,       | 25 00         |
| Total expenditure,               | <hr/> \$26 80 |
| Balance unexpended,              | <hr/> \$23 20 |

## FIRE DEPARTMENT.

|  |                  |
|--|------------------|
| Appropriation, March 7th,                | \$3000 00        |
| Lewis T. Hardy chief engineer,           | \$75 00          |
| William H. Sleath, engineer,             | 35 00            |
| George D. Lawson, engineer and clerk,    | 50 00            |
| John S. Harnden, engineer, Jan. '91-'92, | 75 00            |
| Thomas P. Harriman, labor and supplies,  | 21 40            |
| William H. Higgins, team,                | 3 50             |
| William Forbes & Son, supplies,          | 3 25             |
| Frank M. Smith, janitor,                 | 120 00           |
| F. M. Smith, car fare,                   | 1 10             |
| Henry McLawlin, supplies,                | 15 41            |
| Fred M. Weld, supplies,                  | 21 79            |
| Boston & Maine R.R., freight,            | 54               |
| Craighead and Kintz Mfg. Co., supplies,  | 2 64             |
| Boston Woven Hose Co., supplies,         | 560 65           |
| George W. Simmons, overcoats,            | 44 00            |
| William Poor, repairs,                   | 42 50            |
| Andover Electric Company, wiring,        | 27 50            |
| Andover Electric Company, light,         | 151 31           |
| C. F. Mayer & Son, repairs,              | 22 30            |
| C. F. Mayer & Son, harness,              | 50 00            |
| Horace S. Neal, nickel polish,           | 3 00             |
| Carl Hoffman, lock and key,              | 1 80             |
| George D. Lawson, labor and supplies,    | 18 70            |
| Horace P. Ladd, wood,                    | 11 00            |
| John S. Dearborn, painting Ballardvale   |                  |
| Engine House,                            | 95 75            |
| Hardy and Cole, repairs,                 | 126 79           |
| John S. Harnden, labor and supplies,     | 4 61             |
| H. M. Hayward, coal,                     | 23 88            |
| Patrick J. Daley, supplies,              | 7 02             |
| John Cornell, coal,                      | 67 41            |
| H. A. Williams M'f'g Co., supplies,      | 12 50            |
| Anderson & Bowman, repairs and supplies, | 8 25             |
| <i>Amount carried forward,</i>           | <i>\$1703 60</i> |

|  |           |           |
|--|-----------|-----------|
| Appropriation,   |           | \$3000 00 |
| <i>Amount carried forward,</i>                         | \$1703 60 |           |
| Allen F. Abbott, supplies,                             | 2 25      |           |
| F. G. Haynes and Co., supplies,                        | 11 90     |           |
| T. A. Holt & Co., supplies,                            | 1 20      |           |
| Shawsheen Furniture Co., chairs,                       | 42 50     |           |
| American Fire Hose Co., supplies,                      | 1 50      |           |
| J. H. Campion and Co., supplies,                       | 1 11      |           |
| Charles E. Berry, supplies,                            | 39 00     |           |
| M. Bryant & Son, supplies,                             | 2 00      |           |
| George W. Chandler, coal,                              | 31 50     |           |
| Brown's Express,                                       | 5 05      |           |
| Erwin C. Pike, supplies,                               | 6 71      |           |
| Smith & Manning, supplies,                             | 7 28      |           |
| John Pray, team,                                       | 4 00      |           |
| Andover Press, printing,                               | 6 00      |           |
| Frank A. Hodges, janitor, '91-'92,                     | 35 00     |           |
| Hugh O'Donnell, service at fire,                       | 35 50     |           |
| Steamer Fire-engine Co., No. 1, pay-roll,              | 409 23    |           |
| Steamer Fire-engine Co., No. 2, pay-roll,              | 350 00    |           |
| John H. Clinton, engineer Steamer No.<br>2, 1891-92,   | 100 00    |           |
| William Welch, service at fire,                        | 1 50      |           |
| Elmer H. Shattuck, service at fire,                    | 2 50      |           |
| Allen Simpson, engineer, year ending<br>April 30, '92, | 75 00     |           |
| Allen Simpson, engineer, May '92 to<br>Nov. '92,       | 37 50     |           |
| Horace P. Ladd, service at fire,                       | 14 50     |           |
| John S. Dearborn, service at fire,                     | 3 00      |           |
| Silas Buck, service of teams,                          | 13 00     |           |
| J. M. Wardwell, team,                                  | 3 50      |           |
| John S. Harnden, fireman, May 1 to<br>June 1, 1891,    | 2 08      |           |
| Allen F. Abbot, salary to Dec. 31, 1892,               | 37 50     |           |
| Total expenditure,                                     | ————      | \$2985 41 |
| Balance unexpended,                                    |           | 14 59     |

## SPRING GROVE CEMETERY.

|   |        |          |
|---|--------|----------|
| Appropriation March 7th,                  |        | \$200 00 |
| Sale of lots and grass,                   |        | 214 00   |
|   |        | <hr/>    |
|   |        | \$414 00 |
| Charles S. Parker, services to Jan. 1893, | 100 00 |          |
| Andover Press, printing,                  | 1 50   |          |
| Henry A. Hayward, team and labor,         | 228 75 |          |
| F. M. Foster, team and labor,             | 3 75   |          |
| J. F. Nuckley, team and labor,            | 68 88  |          |
| H. McLawlin, supplies,                    | 1 40   |          |
| Anderson & Bowman, repairs,               | 3 25   |          |
| George Balch, labor,                      | 5 25   |          |
| F. G. Haynes & Co., supplies,             | 90     |          |
| Total expenditure,                        | <hr/>  | \$413 68 |
| Balance unexpended,                       |        | <hr/> 32 |

## MEMORIAL DAY.

|   |          |
|---|----------|
| Appropriation, March 7th,                         | \$200 00 |
| Brainard Cummings, Quartermaster, Post 99 G.A.R., | \$200 00 |

## STREET LIGHTING.

|                           |               |
|---------------------------|---------------|
| Appropriation, March 7th, | \$4600 00     |
| Andover Electric Co.,     | 4569 77       |
| Balance unexpended,       | <hr/> \$30 23 |

## PRINTING AND STATIONERY.

|  |          |                |
|--|----------|----------------|
| Appropriation, March 7th,                |          | \$1000 00      |
| Andover Press, printing,                 | \$650 72 |                |
| George A. Parker, supplies,              | 1 50     |                |
| A. Marland, supplies,                    | 1 00     |                |
| John N. Cole, stationery,                | 18 28    |                |
| J. Duke Smith, printing,                 | 11 00    |                |
| Commonwealth of Massachusetts, supplies, | 3 50     |                |
| Total expenditure,                       | <hr/>    | \$686 00       |
| Balance unexpended,                      |          | <hr/> \$314 00 |

## STATE AID.

|                           |         |           |
|---------------------------|---------|-----------|
| Appropriation, March 7th, |         | \$1700 00 |
| Charles H. Bell,          | \$48 00 |           |
| Robert Bell,              | 48 00   |           |
| Benjamin Cheever,         | 72 00   |           |
| Betsey J. Cheever,        | 48 00   |           |
| Samuel Cheever,           | 48 00   |           |
| George Craig,             | 72 00   |           |
| Ellen Craig,              | 48 00   |           |
| Lemuel P. Cram,           | 72 00   |           |
| Deborah M. Cushing,       | 48 00   |           |
| Elmore Dane,              | 36 00   |           |
| Augustus M. Davis,        | 48 00   |           |
| Rhoda Davis,              | 48 00   |           |
| John S. Dearborn,         | 72 00   |           |
| Susan B. Farnham,         | 48 00   |           |
| Theodore A. Gibbs,        | 40 00   |           |
| John C. Hovey,            | 48 00   |           |
| William Hodgsmen,         | 30 00   |           |
| Ann Hunter,               | 48 00   |           |
| Lizzie A. Johnson,        | 48 00   |           |
| Abigail Keyser,           | 32 00   |           |
| Bridget McCullough,       | 48 00   |           |
| James McDonald,           | 48 00   |           |
| John McKenzie,            | 24 00   |           |
| Joseph C. Goldsmith,      | 9 00    |           |
| Charles Mears,            | 72 00   |           |
| John P. Morgan,           | 72 00   |           |
| William B. Morse,         | 72 00   |           |
| George W. Parker,         | 48 00   |           |
| Charles H. Poor,          | 8 00    |           |
| Henry Shaw,               | 21 00   |           |
| Laura F. Smith,           | 48 00   |           |
| Nancy M. Travis,          | 48 00   |           |
| Charles D. Woodbridge,    | 3 00    |           |
| Total expenditure,        | ————    | \$1523 00 |
| Balance unexpended,       |         | \$177 00  |



The State Aid is paid to disabled soldiers — (and their wives) — and soldiers' widows who draw pensions from the U. S. Government. It is paid only upon the approval of the Commissioners of State Aid. The whole amount is repaid to the Town by the State.

#### MILITARY AID.

|                           |          |          |
|---------------------------|----------|----------|
| Appropriation, March 7th, |          | \$600 00 |
| Elijah Buxton,            | \$136 00 |          |
| Joseph C. Goldsmith,      | 48 00    |          |
| Joseph G. Nolan,          | 96 00    |          |
| Nathaniel Roundy,         | 12 00    |          |
| Winslow Russell,          | 40 00    |          |
| Charles D. Woodbridge,    | 66 00    |          |
| Total expenditure,        | <hr/>    | \$398 00 |
| Balance unexpended,       |          | \$202 00 |

The Military Aid is paid to disabled soldiers who do not draw pensions. It is paid only upon the approval of the Commissioners of State Aid. One half of the amount is repaid to the Town by the State.

#### INSURANCE ACCOUNT

|  |               |
|--|---------------|
| Appropriation, March 7th,                        | \$300 00      |
| Joseph A. Smart, re-insurance on Town buildings, | \$211 00      |
| Balance unexpended,                              | <hr/> \$89 00 |

#### NEW BOILER.

|                              |           |
|------------------------------|-----------|
| Appropriation March 7th,     | \$2100 00 |
| George A. Parker, treasurer, | 2100 00   |

#### WATER BONDS.

|                              |               |
|------------------------------|---------------|
| Appropriation March 7th,     | \$4500 00     |
| George A. Parker, treasurer, | 4417 24       |
| Balance unexpended,          | <hr/> \$82 76 |



## SINKING FUND.

|                              |          |
|------------------------------|----------|
| Appropriation, March 7th,    | \$150 00 |
| George A. Parker, Treasurer, | 150 00   |

## NOTES DISCOUNTED.

## Andover National Bank :

|                    |                         |            |
|--------------------|-------------------------|------------|
| 1891, Feb. 1,      | Note No. 1, 7 months,   | \$4000 00  |
| Feb. 1,            | Note No. 2, 7 months,   | 1000 00    |
| March 14,          | Note No. 3, 6 months,   | 4000 00    |
| March 14,          | Note No. 4, 6 months,   | 1000 00    |
| April 4,           | Note No. 5, 5 months,   | 3000 00    |
| May 2,             | Note No. 6, 4 months,   | 10000 00   |
| June 6,            | Note No. 7, 3 months,   | 5000 00    |
| June 6,            | Note No. 8, 3 month,    | 3000 00    |
| July 5,            | Note No. 9, 2 months,   | 4000 00    |
| July 5,            | Note No. 10, 2 months,  | 1100 00    |
| Oct. 3,            | Note No. 11, 3 months,  | 4000 00    |
| Oct. 3,            | Note No. 12, 11 months, | 3000 00    |
| Nov. 7,            | Note No. 13, 2 months,  | 11000 00   |
| Nov. 7,            | Note No. 14, 9 months,  | 2500 00    |
| Nov. 7,            | Note No. 15, 2 months,  | 500 00     |
| Dec. 5,            | Note No. 16, 1 month,   | 2500 00    |
| 1893, Jan. 10,     | Note No. 17, 8 months,  | 1900 00    |
| Jan. 10,           | Note No. 18, 8 months   | 11000 00   |
| Amount discounted, | —————                   | \$72500 00 |

## INTEREST ON BONDS, FUNDS, AND NOTES.

|                           |                 |
|---------------------------|-----------------|
| Appropriation, March 7th, | \$8500 00       |
| Andover Water Bonds,      | \$5886 94       |
| Memorial Hall Funds,      | 1400 00         |
| Old Proprietor's Fund,    | 96 00           |
| Andover National Bank,    | 1368 05         |
| Total expenditure,        | ————— \$8750 99 |
| Overdrawn,                | \$250 99        |

## NOTES PAID.

|                                       |                   |
|---------------------------------------|-------------------|
| Sept. 6, 1892, Andover National Bank, | \$34100 00        |
| Oct. 3, 1892, Andover National Bank,  | 5500 00           |
| Nov. 2, 1892, Andover National Bank,  | 1800 00           |
| Jan. 10, 1893, Andover National Bank, | 4000 00           |
| Jan. 10, 1893, Andover National Bank, | 14000 00          |
| Total,                                | <u>\$59400 00</u> |

## STATE TAX.

|                                      |                        |
|--------------------------------------|------------------------|
| Appropriation, March 7th,            | \$6000 00              |
| Andover National Bank Tax collected, | 1896 18                |
|                                      | <u>\$7896 18</u>       |
| G. A. Marden, State Treasurer,       | \$3692 50              |
| National Bank tax,                   | 1896 18                |
| Total expenditure,                   | <u>————— \$5588 68</u> |
| Balance unexpended,                  | <u>\$2307 50</u>       |

## COUNTY TAX.

|                           |                 |
|---------------------------|-----------------|
| Appropriation, March 7th, | \$6000 00       |
| Paid County Treasurer,    | \$6376 17       |
| Overdrawn,                | <u>\$376 17</u> |

## DISCOUNT ON TAXES.

|                           |                 |
|---------------------------|-----------------|
| Appropriation, March 7th, | \$3000 00       |
| G. A. Putnam, collector,  | 2712 50         |
| Balance unexpended,       | <u>\$287 50</u> |

## ABATEMENT OF TAXES.

|                                       |                       |
|---------------------------------------|-----------------------|
| Appropriation, March 7th,             | \$400 00              |
| Geo. A. Putnam, Collector, 1891 list, | \$39 47               |
| Geo. A. Putnam, Collector, 1892 list, | 140 81                |
| S. F. E. Company, No. 1, poll-taxes,  | 36 00                 |
| S. F. E. Company, No. 2, poll-taxes,  | 28 00                 |
| Total expenditure,                    | <u>————— \$244 28</u> |
| Balance unexpended,                   | <u>\$155 72</u>       |

## DOG TAX.

|   |               |
|---|---------------|
| Amount paid to County Treasurer by George A.<br>Putnam, Town Clerk, | \$679 80      |
| Amount deducted for damages,  | <u>127 71</u> |
| Amount returned to Town,  | 542 09        |
| J. A. Smart, Treasurer Memorial Hall,                               | \$542 09      |

## RESERVOIR LAND.

|                           |                |
|---------------------------|----------------|
| Appropriation, March 7th, | \$1500 00      |
| Abbie H. Sawyer,          | <u>1375 00</u> |
| Balance unexpended,       | \$125 00       |

## WATERWORKS MAINTENANCE.

|                              |           |
|------------------------------|-----------|
| Appropriation, March 7th,    | \$3500 00 |
| George A. Parker, treasurer, | 3500 00   |

## MEMORIAL HALL LIGHTING.

|                             |              |
|-----------------------------|--------------|
| Appropriation, March 7,     | \$175 00     |
| Joseph A. Smart, treasurer, | <u>90 54</u> |
| Balance unexpended,         | \$84 46      |

## GRADING.

|                           |          |
|---------------------------|----------|
| Appropriation, March 7th, | \$150 00 |
| Silas Buck,               | 150 00   |

## MISCELLANEOUS.

|  |                 |           |
|--|-----------------|-----------|
| Appropriation, March 7th,  |                 | \$1500 00 |
| William H. Higgins, horse hire,  | \$128 50        |           |
| C. W. Scott, returning births,   | 6 75            |           |
| J. F. Richards, returning births,  | 8 75            |           |
| John A. Leitch, returning births,  | 6 50            |           |
| C. E. Abbott, returning births,  | 13 25           |           |
| C. H. Shattuck, returning births,  | 3 50            |           |
| George Saunders, water dippers,  | 1 00            |           |
| Abraham Marland, envelopes,  | 23 80           |           |
| M. J. Mahoney, returning deaths,   | 6 75            |           |
| Barnett Rogers, teller,  | 3 00            |           |
| G. A. Putnam, obtaining, recording, indexing, and returning births, marriages, and deaths, | 70 30           |           |
| G. A. Putnam, express and postage,   | 15 20           |           |
| G. A. Higgins, teller,   | 3 00            |           |
| Geo. F. Cheever, expense and care of prisoners,  | 73 70           |           |
| George H. Poor, counsel for 1892,  | 100 00          |           |
| Brainard Cummings, repairs and book-case,  | 16 38           |           |
| Henry McLawlin, chains for dippers,  | 59              |           |
| George H. Thwing, taking census of school children,  | 40 00           |           |
| Parker Spinney, dinners,   | 7 00            |           |
| F. A. Andrews, janitor Board of Health,  | 6 00            |           |
| C. E. Abbott, vaccinating school children,   | 224 40          |           |
| W. E. McClintock, engineer,  | 25 00           |           |
| John P. Lovell Arms Co., badges, etc.,   | 5 25            |           |
| Snell & Richardson, covers,  | 75 00           |           |
| E. Pike, cesspool supplies,  | 1 00            |           |
| Horace Blanchard, burying dog,   | 2 00            |           |
| Brown & Shattuck, telephone,   | 1 65            |           |
| Charles M. Muster, lettering boards,   | 10 00           |           |
| Andover Brass Band, Columbus Day,  | 50 00           |           |
| <i>Amount carried forward,</i>   | <u>\$928 27</u> |           |

|   |          |           |
|---|----------|-----------|
| Appropriation,                          |          | \$1500 00 |
| <i>Amount brought forward,</i>          | \$928 27 |           |
| H. P. Noyes, office chairs and repairs, | 8 81     |           |
| T. Murphey, refreshments,               | 4 50     |           |
| Chas. S. Parker, returning deaths,      | 19 50    |           |
| Milo H. Gould, superintendent, labor,   |          |           |
| Board of Health,                        | 7 50     |           |
| Henry L. Clukey, labor in ward rooms,   | 3 00     |           |
| Brown's Express,                        | 80       |           |
| H. F. Chase, repairing door,            | 25       |           |
| Charles Green, wood and care,           | 1 50     |           |
| Arthur Bliss, supplies,                 | 5 00     |           |
| George H. Parker, supplies,             | 1 95     |           |
| Darnsell & Upham, supplies,             | 5 00     |           |
| C. E. Abbott, town physician,           | 100 00   |           |
| Charles G. Hussey, sawing lumber,       | 6 53     |           |
| Total expenditure,                      | —————    | \$1092 61 |
| Balance unexpended,                     |          | \$407 39  |

## SUMMARY OF APPROPRIATIONS AND RECEIPTS.

|  |            |
|--|------------|
| Schools,   | \$15000 00 |
| School-houses,   | 1500 00    |
| School-books and School supplies,                        | 1000 00    |
| Punchard School Addition,                                | 8000 00    |
| Abbot Village School-house,                              | 8500 00    |
| Highways and Bridges,                                    | 10363 55   |
| Removing Snow,   | 800 00     |
| Town Officers,   | 5000 00    |
| Town House,  | 2296 00    |
| Street Lighting,   | 4600 00    |
| Printing and Stationery,                                 | 1000 00    |
| Fire Department,   | 3000 00    |
| Spring Grove Cemetery,                                   | 414 00     |
| Memorial Day,  | 200 00     |
| State Aid,   | 1700 00    |
| Military Aid,  | 600 00     |
| Insurance,   | 300 00     |
| Hay Scales,  | 125 70     |
| Andover Waterworks,                                      | 22700 00   |
| Grading,   | 150 00     |
| Reservoir Land,  | 1500 00    |
| State Tax, \$6000, and Bank Tax collected,<br>\$2902.15, | 8902 15    |
| County Tax,  | 6000 00    |
| Dog Tax,   | 542 09     |
| Memorial Hall Lighting,                                  | 175 00     |
| Discount on Taxes,                                       | 3000 00    |
| Abatement of Taxes,                                      | 400 00     |
| Notes Discounted,  | 72500 00   |
| Interest on Notes, Funds, and Bonds,                     | 8500 00    |
| Almshouse Expenses,                                      | 5054 15    |
| Relief out of Almshouse,                                 | 4712 19    |
| Repairs on Almshouse,                                    | 1000 00    |
| Miscellaneous,   | 1500 00    |

## SUMMARY OF SELECTMEN'S ORDERS.

|  |            |
|--|------------|
| Schools,   | \$14999 98 |
| School-houses,   | 1492 75    |
| School-books and School supplies,                      | 1000 00    |
| Punchard School Addition,                              | 7411 15    |
| Abbott Village School-house,                           | 737 04     |
| Highways and Bridges,                                  | 10203 61   |
| Removing Snow,   | 468 40     |
| Town Officers,   | 4973 10    |
| Town House,  | 1102 02    |
| Street Lighting,                                       | 4569 77    |
| Printing and Stationery,                               | 686 00     |
| Fire Department,                                       | 2985 41    |
| Spring Grove Cemetery,                                 | 413 68     |
| Memorial Day,  | 200 00     |
| State Aid,   | 1523 00    |
| Military Aid,  | 398 00     |
| Insurance,   | 211 00     |
| Hay Scales,  | 26 80      |
| Andover Waterworks,                                    | 27979 09   |
| Grading,   | 150 00     |
| Reservoir Land,  | 1375 00    |
| State Tax, \$5588.68, and Bank Tax paid,<br>\$2902.15, | 8490 83    |
| County Tax,  | 6376 17    |
| Dog Tax,   | 542 09     |
| Memorial Hall Lighting,                                | 90 54      |
| Discount on Taxes,                                     | 2712 50    |
| Abatement of Taxes,                                    | 244 28     |
| Notes paid,  | 59400 00   |
| Interest on Notes, Funds, and Bonds,                   | 8750 99    |
| Almshouse Expenses,                                    | 3970 64    |
| Relief out of Almshouse,                               | 4875 72    |
| Repairs on Almshouse,                                  | 770 30     |
| Miscellaneous,   | 1092 61    |



# REPORT

## OF THE

### Selectmen and Assessors.

#### SCHOOLS AND SCHOOL-HOUSES.

The School Committee ask for the following appropriations : Schools, \$20400 ; School-houses, \$2500 ; Text-books and supplies, \$1800 ; for the Abbott Village School-house, \$11,000 in addition to what has already been spent. We refer you to the School Report for further information relating to their department.

#### HIGHWAYS, BRIDGES, AND SIDEWALKS.

The Superintendent of Streets gives a detailed statement of his roadwork in his Report on pages 35-39

The travel on our roads constantly increases, and better roads are needed and demanded. The Street Department is now well supplied with machinery and teams for making good roads, and liberal appropriations ought to be made therefor.

We again call the attention of the Town to our report of a year ago in regard to widening and defining the line of Main Street. "The Essex Turnpike—now Main Street—was laid out sixty-six feet wide in 1806. Abutters have encroached upon and fenced in portions of the original lay-out, and that ground must be recovered, as every inch of the sixty-six feet width is needed for the public use." We would recommend that the county commissioners be called upon to relay out Main Street.

We recommend the appropriation of \$10000 for Highways and \$1500 for Sidewalks.

### REMOVING SNOW.

The amount of snow that may fall and block our ways being an unknown quantity at town meeting time, it will be well to have the appropriation large enough. We advise \$800.

### TOWN HORSES.

The Town now owns five horses—three teams for road work. We refer to the “Earnings of Horses” account on page 40, for a showing to their credit for the past year. We repeat that we believe the horses to be a good investment for the Town. The town teams are ready for use at all times and seasons. Under the old system the road work was subject to the convenience of private owners of teams. We recommend an appropriation of \$3300 for horses and drivers, as a new horse will be necessary to complete three teams, one horse having been sold.

### PAY OF TOWN OFFICERS.

An appropriation of \$5000 will be sufficient for this account.

### TOWN HOUSE.

The Town House is now well fitted for the business carried on therein. All the rooms on the ground floor being in daily use, the running expenses of heating, lighting, and janitor work are large. A considerable amount must be expended in repairs each year. Much of the expense is repaid in rents—\$796 last year. We recommend an appropriation of \$1500 for Town House.

### FIRE DEPARTMENT.

The Engineers ask for an appropriation of \$2500 for running expenses.

## INSURANCE.

The usual amount, \$300, will be enough for renewals of policies the current year.

## HAY SCALES.

This useful and profitable piece of town property will need \$50 for running expenses and possible repairs.

## STREET LIGHTING.

The amount of \$4600 will be required for this purpose.

## PRINTING AND STATIONERY.

This expense necessarily increases: the various reports grow larger, and more stationery is required, year by year. \$1000 will be sufficient for the current year.

## STATE AID AND MILITARY AID.

The last appropriation for State Aid, was \$1600, (and the expenditure nearly balanced.) The same amount will probably be sufficient for this year; and \$500 for Military Aid. All of the State Aid, and one half of the Military Aid, returns to the town treasury.

## MEMORIAL DAY.

\$200, the usual amount, as for years past, is recommended, and that it be expended under direction of Post 99, G. A. R.

## SPRING GROVE CEMETERY.

The Committee in charge ask for \$200 and the money received from sales of lots, grass, etc.

## SHADE TREES.

We recommend the appropriation of \$100 for shade trees for the public highways, to be spent under the direction of the Farmers' Club.

## STATE AND COUNTY TAXES.

Nobody knows how much the town will be required to pay on these accounts. We can only estimate. As shown elsewhere, the last State Tax was less and the County Tax more than the appropriation. We advise the same amounts as last year, — \$6000 for each tax.

## DISCOUNT ON TAXES.

We advise that five per cent discount be allowed this year, the same as last, and that an appropriation of \$3000 be made therefor.

## ABATEMENT AND REMISSION OF TAXES.

\$300 will be sufficient for this account.

## INTEREST ON NOTES, BONDS, AND FUNDS.

\$8500 will be needed for these accounts.

## WATERWORKS.

The Commissioners ask for the following amounts: Bond payments, \$5000; Maintenance, \$3800; Sinking Fund, No. 1, \$150; No. 2, \$150.

## MEMORIAL HALL.

We are informed by the Trustees that the funds available for running expenses are insufficient to fully pay for lighting the building. We recommend that an appropriation of \$175 be made therefor.

## MISCELLANEOUS.

This appropriation is intended to cover all expenditures not otherwise provided for. Unforeseen contingencies are liable to arise, suits for damages, etc. We advise an allowance of \$1500.

## THE FINANCIAL YEAR.

The town accounts being closed in January, with most of the appropriations nearly or quite exhausted, the February pay-day is the beginning of the new financial year, so far as payments are concerned, and in order to provide money therefor, we advise that the annual vote authorizing the Treasurer to hire money be amended so as to provide for this.

We refer to the Treasurer's Report for information relating to the financial affairs of the town.

|                    |   |            |
|--------------------|---|------------|
| PETER D. SMITH,    | } | Selectmen  |
| SAM'L H. BOUTWELL, |   | and        |
| JOHN S. STARK,     |   | Assessors. |

## Overseers' Account.

### ALMSHOUSE EXPENSES.

|  |                  |           |
|--|------------------|-----------|
| Appropriation, March 7th,                  |                  | \$4000 00 |
| Milo H. Gould, superintendent,             | \$285 00         |           |
| Mrs. Walter B. Allen, matron,              | 375 00           |           |
| Mrs. C. A. P. Gould, housework,            | 192 00           |           |
| Alexander B. Bruce, crackers,              | 53 17            |           |
| H. K. Webster, & Co., grain and grinding,  | 46 61            |           |
| Benjamin F. Upton, labor,                  | 24 00            |           |
| A. R. Brewster, swill,                     | 68 20            |           |
| R. M. Findley, fish,                       | 58 75            |           |
| William F. Findley, fish,                  | 26 89            |           |
| S. S. Lewis, pigs,                         | 25 00            |           |
| Charles G. Hussey, washing,                | 31 80            |           |
| F. M. Vietor, grinding and seeds,          | 10 90            |           |
| Erwin C. Pike, supplies,                   | 13 92            |           |
| Henry McLawlin, supplies,                  | 40 47            |           |
| Chas. F. Mayer & Son, harness and repairs, | 41 80            |           |
| Smith and Manning, groceries,              | 366 62           |           |
| George W. Chandler, coal,                  | 40 50            |           |
| Harlan P. Wright, boots and shoes,         | 46 60            |           |
| Thomas P. Harriman, shoeing and repairs,   | 17 45            |           |
| Valpey Brothers, provisions,               | 177 89           |           |
| W. H. Gile & Co., clothing,                | 10 51            |           |
| Glover and Whitcomb, husks,                | 12 00            |           |
| David I. C. Hidden, apples,                | 2 50             |           |
| Boston and Maine Railroad, freighting,     | 39               |           |
| John O'Connell, wagon,                     | 85 00            |           |
| John Trahan, labor,                        | 9 00             |           |
| <i>Amount carried forward,</i>             | <u>\$2051 97</u> |           |



|   |           |           |
|---|-----------|-----------|
| Appropriation,                          |           | \$4000 00 |
| <i>Amount brought forward,</i>          | \$2051 97 |           |
| John O'Connell, repairs,                | 3 00      |           |
| A. Marland, P.M., box rent and stamps,  | 3 81      |           |
| J. W. Wardwell, use of carriage,        | 1 00      |           |
| Anderson & Bowman, shoeing and repairs, | 21 80     |           |
| T. A. Holt and Co., groceries,          | 453 07    |           |
| J. F. Gulliver, ashes,                  | 23 91     |           |
| Wm. Morrison, labor,                    | 205 36    |           |
| Arthur Commera, labor,                  | 144 00    |           |
| William Poor, repairs,                  | 35 50     |           |
| E. Buckley, Intl. office expense,       | 1 00      |           |
| J. E. Sears, boots and shoes,           | 6 00      |           |
| Milo H. Gould, two horses,              | 360 00    |           |
| Beach Soap Co., soap,                   | 18 96     |           |
| Milo H. Gould, fertilizer,              | 69 70     |           |
| James C. Poor, labor,                   | 6 25      |           |
| Frank Larech, labor,                    | 22 31     |           |
| Joseph Lacourse, labor,                 | 24 72     |           |
| John Cornell, coal,                     | 196 42    |           |
| John P. Wakefield, provisions,          | 116 26    |           |
| John E. Whiting, supplies,              | 3 00      |           |
| Bicknell Brothers, clothing,            | 20 50     |           |
| J. H. Campion & Co., groceries,         | 27 01     |           |
| American Express Co.,                   | 90        |           |
| Henry P. Noyes, supplies,               | 5 00      |           |
| Brooks F. Holt, ice,                    | 10 00     |           |
| Geo. Mander, use of mowing machine,     | 3 00      |           |
| Free Church Society, pew-rent,          | 9 00      |           |
| Watson & Co., grain,                    | 8 68      |           |
| Wm. Oswald & Co., dry goods,            | 56 35     |           |
| George H. Parker, medicine,             | 28 70     |           |
| T. J. Farmer, fish,                     | 1 89      |           |
| Hardy & Cole, plank,                    | 1 32      |           |
| Arthur Bliss, medicine,                 | 20 25     |           |
| Total expenditure,                      | —————     | \$3970 64 |
| Balance unexpended,                     |           | \$29 36   |



## REPAIRS ON ALMSHOUSE.

|                                  |          |                |
|----------------------------------|----------|----------------|
| Appropriation, March 7th,        |          | \$1000 00      |
| Hardy and Cole, stock and labor, | \$356 72 |                |
| Erwin C. Pike, new boiler,       | 354 44   |                |
| Erwin C. Pike, stock and labor,  | 14 60    |                |
| Moore E. White, stock and labor, | 44 62    |                |
| Total expenditure,               | <hr/>    | \$770 38       |
| Balance unexpended,              |          | <hr/> \$229 62 |

## RELIEF OUT OF ALMSHOUSE.

|                            |          |           |
|----------------------------|----------|-----------|
| Appropriation, March 7th,  |          | \$4500 00 |
| Mrs. Ann Hunter,           | \$157 80 |           |
| Albert Goldsmith,          | 47 75    |           |
| Elmore Dane,               | 108 00   |           |
| Joanna Holland,            | 96 00    |           |
| Mrs. Mary Shea,            | 81 25    |           |
| Owen Burns,                | 76 17    |           |
| Mrs. James Hayes,          | 29 89    |           |
| Mrs. Julia Cotter,         | 39 12    |           |
| Benjamin Cheever,          | 31 68    |           |
| John D. Lynch,             | 146 50   |           |
| James Harvey,              | 16 00    |           |
| Edward White,              | 30 53    |           |
| Walter Bailey,             | 115 50   |           |
| Charles H. Bixby (burial), | 20 00    |           |
| James Hayes (burial),      | 23 00    |           |
| George Craig,              | 92 00    |           |
| John F. Qualey,            | 129 03   |           |
| Mrs. Mary A. Fenlason,     | 132 90   |           |
| Mrs. Kate Tobin,           | 97 00    |           |
| Mrs. William B. Osgood,    | 109 00   |           |
| Mrs. Mary Comber,          | 166 00   |           |
| Robertina Crockett,        | 40 00    |           |
| Barbara Morris,            | 24 00    |           |

*Amount carried forward, \$1809 12*

Appropriation, \$4500 00

*Amount brought forward*, \$1809 12

|                                 |        |           |
|---------------------------------|--------|-----------|
| Mrs. Susan Goodwin,             | 68 15  |           |
| William Hodgman,                | 46 92  |           |
| John McKenzie,                  | 50     |           |
| Eosen,                          | 1 10   |           |
| Law,                            | 1 25   |           |
| Mrs. Crosby,                    | 50     |           |
| James Shaw,                     | 2 05   |           |
| Mrs. Ann McAveney,              | 13 60  |           |
| John Mowatt,                    | 18 50  |           |
| Wm. Knibs (burial),             | 20 00  |           |
| George H. Kingman,              | 31 55  |           |
| John Driscoll,                  | 65     |           |
| Patrick Driscoll,               | 26 00  |           |
| Child of Wm. Warden,            | 36 00  |           |
| Mrs. Jessie E. Mason,           | 69 50  |           |
| Mrs. Louisa M. Mason,           | 67 00  |           |
| Mrs. Kate Rogers,               | 5 00   |           |
| Michael Troye,                  | 60 00  |           |
| John Hayes,                     | 6 50   |           |
| Miss Gertrude Wardman,          | 78 00  |           |
| Miss Rossania Morrison,         | 30 38  |           |
| Miss Caroline E. Hunt,          | 101 67 |           |
| Winslow Russell,                | 42 00  |           |
| Mrs. D. Connors,                | 9 25   |           |
| Mrs. Forsaithe,                 | 12 50  |           |
| Inez Thorning,                  | 6 00   |           |
| John Porter,                    | 8 00   |           |
| Mrs. Thomas Welch,              | 16 25  |           |
| Mrs. William F. Trulan,         | 55 00  |           |
| John Kennedy,                   | 1 30   |           |
|                                 |        | <hr/>     |
|                                 |        | \$2644 24 |
| <i>Amount carried forward</i> , |        | \$2644 24 |

Appropriation, \$ 4500 00

*Amount brought forward,* \$2644 24

PAID ON ACCOUNT OF COMMONWEALTH.

|                        |        |         |
|------------------------|--------|---------|
| Mrs. Harriet Robinson, | \$6 00 |         |
| Napoleon Parris,       | 27 00  |         |
| Jessie Watson,         | 8 00   |         |
|                        | <hr/>  | \$41 00 |

PAID ON ACCOUNT OF CITIES AND TOWNS.

|                              |         |          |
|------------------------------|---------|----------|
| Lynn, Miss Lizzie A. Abbott, | \$52 00 |          |
| North Reading, Fred McIntire |         |          |
| and family,                  | 162 35  |          |
| North Reading, Eliza Bird,   | 22 00   |          |
| Billerica, Eliza Pasho,      | 96 00   |          |
| Lawrence, Mary Donahue,      | 45 00   |          |
| Lawrence, Daniel S. Davis,   | 10 00   |          |
|                              | <hr/>   | \$387 35 |

PAID CITIES AND TOWNS.

|                                    |         |           |
|------------------------------------|---------|-----------|
| Boston, Caleb O. Parker,           | \$56 00 |           |
| West Newbury, G. A. Shattuck,      | 86 80   |           |
| North Andover, Robertina Crockett, | 138 81  |           |
| North Andover, John Hayes,         | 1 50    |           |
| North Reading, Mary E. Gibbs,      | 22 00   |           |
| Lawrence, Thomas Donovan,          | 39 00   |           |
| Lawrence, Mooney, child,           | 2 00    |           |
| Lawrence, Mrs. J. M. Abbott,       | 90 00   |           |
| Lawrence, Miss Jane Lindsay,       | 60 75   |           |
| Lawrence, Joseph W. Dalton,        | 45 00   |           |
| Lowell, John F. Dorsey,            | 18 36   |           |
| Groveland, Frank McCabe,           | 105 00  |           |
| Danvers, Ada Holt,                 | 20 00   |           |
| Danvers, John O. Holt,             | 51 43   |           |
| Chatham, A. F. Hammond,            | 12 00   |           |
|                                    | <hr/>   | \$748 65  |
| <i>Amount carried forward,</i>     |         | \$3821 24 |

|                                |           |
|--------------------------------|-----------|
| Appropriation,                 | \$4500 00 |
| <i>Amount brought forward,</i> | \$3821 24 |

## LUNATIC HOSPITALS.

|                                   |         |           |
|-----------------------------------|---------|-----------|
| Danvers, George F. Stevens,       | \$84 96 |           |
| Danvers, Miss Olga Mayer,         | 84 96   |           |
| Danvers, William B. Osgood,       | 84 96   |           |
| Danvers, Mrs. Catherine Hayes,    | 84 96   |           |
| Danvers, Miss Hannah Hill,        | 28 79   |           |
| Danvers, Alfred M. Johnson,       | 117 02  |           |
| Danvers, George H. Mears,         | 169 92  |           |
| Danvers, Henry Smith,             | 84 96   |           |
| Danvers, Bridget Dwane,           | 108 64  |           |
| Tewksbury, Isabella C. Johnson,   | 146 40  |           |
| Worcester, Miss Caroline E. Hunt, | 58 96   |           |
|                                   | <hr/>   | \$1054 48 |
|                                   |         | <hr/>     |
|                                   |         | \$4875 72 |
| Overdrawn,                        |         | <hr/>     |
|                                   |         | \$375 72  |

## ALMSHOUSE.

|   |             |
|---|-------------|
| Whole number of paupers in Almshouse during the year, | 31          |
| Whole number of weeks' board,                         | 1374        |
| Whole number of tramps,                               | 1032        |
| Whole number of weeks' board,                         | 100         |
| Total number of weeks' board,                         | <u>1474</u> |

|  |        |
|--|--------|
| Average weekly expense for each inmate, first deducting the amount sold from the farm from the expense of the Almshouse, was | \$1 98 |
|--|--------|

## REMAINING IN ALMSHOUSE.

|                             |           |
|-----------------------------|-----------|
| Between eighty and ninety,  | 3         |
| Between seventy and eighty, | 2         |
| Between sixty and seventy,  | 2         |
| Between fifty and sixty,    | 1         |
| Between forty and fifty,    | 5         |
| Between thirty and forty,   | 3         |
| Between twenty and thirty,  | 2         |
| Between ten and twenty,     | 1         |
| Between one and ten,        | 1         |
| Total,                      | <u>20</u> |

|                                  |    |
|----------------------------------|----|
| Number at beginning of the year, | 22 |
| Number admitted,                 | 9  |
| Number discharged,               | 8  |
| Number died,                     | 3  |

Albert Smith, January 23, 1892, aged 48 years.

Charles H. Bixby, October 27, 1892, aged 73 years.

William Knibbs, November 26, 1892, aged 10 years.

## PERSONAL PROPERTY AT THE ALMSHOUSE.

|                      |                  |
|----------------------|------------------|
| Household furniture, | \$1000 00        |
| Clothing,            | 600 00           |
| Farm stock,          | 555 00           |
| Farm tools,          | 575 00           |
| Farm produce,        | 617 00           |
| Fuel and lumber,     | 189 00           |
| Provisions,          | 242 50           |
| Total,               | <u>\$3778 50</u> |

## SUPERINTENDENT'S FARM ACCOUNT.

DR.

|                      |                  |
|----------------------|------------------|
| To cash received for |                  |
| Hay,                 | \$228 78         |
| Vegetables,          | 200 76           |
| Eggs,                | 51 05            |
| Oxen,                | 130 00           |
| Calves,              | 10 92            |
| Hogs,                | 166 24           |
| Fowls,               | 17 88            |
| Corn stover,         | 16 18            |
| Empty barrels,       | 3 20             |
| Gravel,              | 21 35            |
| Earnings of horses,  | 207 79           |
|                      | <u>\$1054 15</u> |

CR.

|                              |           |
|------------------------------|-----------|
| By cash paid Town Treasurer, | \$1054 15 |
|------------------------------|-----------|

MILO H. GOULD,

SUPERINTENDENT.



## Overseers' Report.

---

The business affairs of the Almshouse and farm have been well conducted as heretofore. The house continues to be a model of neatness and good keeping throughout. The farm produced good crops, which aided largely in paying the expenses.

The ordinary running expenses of the Almshouse will be about the same as last year.

The State Inspector of buildings visited the Almshouse and he recommended that the stairs be placed at each end of the building, instead of in the middle as now, so that in the case of fire a better means of escape would be afforded the inmates. We would also recommend that the sum of five hundred dollars (\$500) be appropriated for this purpose.

The buildings are in good repair, a new boiler has been put in and new floors laid.

It is with much regret that we have received the resignation of Mrs. Allen, who has been matron for the last fourteen years, which position she has filled with credit to herself and to the town. Since Mrs. Allen has been in charge, the Almshouse has been a model from which others might well copy. The efficiency of her services is too well known to need further comment and we hope that she may be blessed with health and prosperity wherever she may go. Milo H. Gould, whose services as superintendent have been eminently satisfactory, has also handed in his resignation.

We have to report an overdraw in the expenditures for relief out of Almshouse. This expense is something which

cannot be accurately estimated The cost of pauperism to the state grows larger each year and in order to relieve the state, laws have been passed and amended which compel cities and towns to bear a larger proportion of the burdens than formerly.

The tramp nuisance is still on the decrease, 1030 this year against 1153 in 1891. We only wish that the decrease might be still more marked each year.

## SUMMARY OF OVERSEERS' ORDERS.

|                                 |           |           |
|---------------------------------|-----------|-----------|
| Total Appropriation, March 7th, |           | \$9500 00 |
| Almshouse expenses,             | \$3970 64 |           |
| Relief out of Almshouse,        | 4875 72   |           |
| Repairs on Almshouse,           | 770 38    |           |
| Total expenditure,              | ————      | \$9616 74 |
| Overdrawn,                      |           | \$116 74  |

## REPRESENTATIVE FUND.

In accordance with the desire of the donor, Edward Taylor, Esq., the interest has been given to Mary Fenlason.

The Overseers recommend that the following amounts be appropriated for the ensuing year :

|                              |           |
|------------------------------|-----------|
| For the Almshouse,           | \$4000 00 |
| For Relief out of Almshouse, | 5000 00   |
| For Repairs of Almshouse,    | 500 00    |

Respectfully submitted,

|                    |                                       |
|--------------------|---------------------------------------|
| PETER D. SMITH,    | } <i>Overseers</i><br><i>of Poor.</i> |
| SAM'L H. BOUTWELL, |                                       |
| JOHN S. STARK,     |                                       |

# Report of the Chief Engineer

OF THE

## Fire Department.

TO THE BOARD OF SELECTMEN :

*Gentlemen,*—In compliance with the regulation of the Fire Department, I submit the following report.

The force of the Department consists of three engineers, twenty-two members of Andover Steamer, Co. No. 1, and B. F. Smith Hook and Ladder Truck, and sixteen members of J. P. Bradlee Steamer Co. No. 2.

The apparatus consists of two third class steam fire-engines, one hand engine, with hose-carriage for each, one two-horse hose-carriage, one hook and ladder truck, and one supply wagon. There are about five thousand feet of hose in good condition.

There have been thirty-two alarms of fire the past year :

- |       |     |   |
|-------|-----|---|
| Mach. | 18. | Fire in the house of J. J. Pearson, Estate.     |
| April | 4.  | Brush fire, in woods of D. I. C. Hidden.        |
| April | 3.  | Brush fire, in woods, Ballard Vale.             |
| April | 6.  | Brush fire, in woods, Ballard Vale, Chester St. |
| April | 10. | Fire in house of John O. Collins Pierson St.    |
| April | 12. | Fire in Wilmington, W. H. Haley house.          |
| April | 12. | Brush fire, Lowell Junction.                    |
| April | 13. | Brush fire, Timothy Sullivan's, West Parish.    |
| April | 13. | Brush fire, Tewksbury road.                     |
| April | 13. | Brush fire, Ballard Vale.                       |
| April | 13. | Brush fire, Three Alarms.                       |
| April | 17. | Brush fire, Shawsheen grove.                    |

- April 19. Brush fire, Chester Street, Ballard Vale.  
 April 24. Brush fire, Marland Village.  
 May 1. Brush fire, Frye Village.  
 May 1. Brush fire, H. B. Abbott woods.  
 May 2. Brush fire, Tewksbury.  
 May 9. Brush fire, Samuel Thayer woods.  
 May 18. Brush fire, J. P. Butterfield woods.  
 May 15. Brush fire, Lowell Junction woods.  
 May 16. Fire in Howell Block, Park Street.  
 Aug. 11. Fire in Harding Street R. R. Bridge.  
 Aug. 22. Fire in House and barn of Chas. Mears, Ballard Vale.  
 Sept. 17-18 Two alarms of fire in stone house, Abbott Village.  
 Oct. 14. Brush fire, on old railroad, Ballard Vale.  
 Oct. 17. False alarm.  
 Oct. 28. Fire at Harding Street R. R. Bridge.  
 Dec. 25. Fire in barn of Hugh O'Donnell Ballard Vale.  
 Jan. 8. 1893 Fire in Tenement block of Stephen Blaney, Ballard Vale.

I recommend an appropriation of \$2500 for the running expenses of the ensuing year,

#### SCHEDULE OF PROPERTY.

|                                       |                   |
|---------------------------------------|-------------------|
| Two Engine-houses and shed,           | \$12000 00        |
| Two Steam fire-engines and apparatus, | 10000 00          |
| Three horses and harnesses,           | 700 00            |
| Shawshin engine and apparatus,        | 200 00            |
| B. F. Smith hook and ladder truck,    | 400 00            |
| Total,                                | <u>\$23300 00</u> |

Respectfully submitted,

LEWIS T. HARDY,

CHIEF ENGINEER.

ANDOVER, MASS., February 13, 1893.

## Report of Chief of Police.

---

TO THE BOARD OF SELECTMEN :

*Gentlemen,*— In compliance with the regulation of the Police Department, I submit my eighth annual report.

### ARRESTS.

There have been sixty three arrests, for the following causes :

|                                   |      |
|-----------------------------------|------|
| Assault,                          | 5    |
| Breaking and entering,            | 3    |
| Burning building,                 | 3    |
| Disorderly conduct on street car, | 1    |
| Cruelty to animals,               | 3    |
| Disturbing the peace,             | 12   |
| Drunkennes,                       | 13   |
| Fishing in Haggett's Pond,        | 2    |
| False pretences,                  | 1    |
| Insane,                           | 4    |
| Larceny from building,            | 7    |
| Larceny, simple,                  | 3    |
| Lewd and lascivious conduct,      | 1    |
| Non-support of wife,              | 1    |
| Riding Bicycle on sidewalk,       | 3    |
| Vagrant,                          | 1    |
| Whole number of arrests,          | — 63 |

Disposal of cases :

|                             |    |
|-----------------------------|----|
| Bound over to Grand Jury,   | 7  |
| Committed to Lawrence Jail, | 11 |
| Committed to Lyman School,  | 1  |



|                                     |    |
|-------------------------------------|----|
| Committed to Danvers Insane Asylum, | 4  |
| Discharged at court,                | 9  |
| Discharged by officers,             | 9  |
| Delivered to out-of-town officers,  | 1  |
| Paid fines,                         | 17 |

#### MISCELLANEOUS.

|   |          |
|---|----------|
| Burglaries reported,                        | 8        |
| Cases investigated,                         | 234      |
| Doors found open at night and secured,      | 9        |
| Windows found open in stores and closed,    | 4        |
| Number of dogs killed,                      | 26       |
| Strayed teams cared for,                    | 4        |
| Intoxicated persons cared for,              | 19       |
| Lanterns placed in dangerous places,        | 6        |
| Number of permits given to tramps,          | 750      |
| Persons locked up,                          | 43       |
| Suspicious persons detained,                | 3        |
| Value of property reported stolen,          | \$490 00 |
| Value of property recovered,                | 150 00   |
| Value of equipments in the hands of Police, | 125 00   |

I would respectfully call your attention to the necessity of one regular officer for night patrol at Ballard Vale. The expense would not be much larger, and an expressed desire of the people of that section would be met. It is a small place, and one man could well cover the territory.

Respectfully submitted,

GEORGE F. CHEEVER,

CHIEF OF POLICE.

ANDOVER, Feb. 3, 1893.

# Punchard Free School.

The Trustees of the Punchard Free School respectfully present to the Town the following account of the condition of the Fund, and of the Income and Expenses for the year ending December 31st, 1892.

## PRINCIPAL.

|   |                 |
|---|-----------------|
| Amount of the Fund December 31st, 1892,   | \$75005 00      |
| This is invested in :                     |                 |
| Real Estate Mortgages,                    | \$64525 00      |
| City Bonds (Holyoke),                     | 6000 00         |
| Real Estate, by foreclosure :             |                 |
| O'Hara house \$1000, Bowman house \$1000, | 2000 00         |
| Deposit with Mercantile Loan and Trust    |                 |
| Company, awaiting investment,             | 2425 00         |
| Deposit in Andover Savings Bank,          | 55 00           |
|   | <u>75005 00</u> |

## INCOME.

|                                      |                |           |
|--------------------------------------|----------------|-----------|
| Amount on hand December 31st, 1891,  | \$3577 19      |           |
| Received during the year 1892,       | 4489 50        |           |
|                                      | <u>8066 69</u> | \$8066 69 |
| Expenses and payments in 1892,       | \$4869 92      |           |
| Balance on hand December 31st, 1892, | 3196 77        |           |
|                                      | <u>8066 69</u> | \$8066 69 |

## EXPENSES.

|  |                  |
|--|------------------|
| Frank O. Baldwin, Principal,                   | \$1800 00        |
| Mary E. Dern, Assistant,                       | 600 00           |
| Mary Alice Abbott, Assistant,                  | 550 00           |
| Lucia G. Merrill, Assistant,                   | 550 00           |
| Frederick Palmer, Visiting Committee,          | 100 00           |
| Geo. H. Poor, Treasurer,                       | 200 00           |
| Curtis M. Baldwin, janitor,                    | 200 00           |
| Brainard Cummings, repairs on tenements, etc., | 214 70           |
| C. Schoenhof, books,                           | 12 65            |
| Ginn and Co., books,                           | 44 27            |
| <i>Amount carried forward,</i>                 | <u>\$4271 62</u> |

|                                       |           |
|---------------------------------------|-----------|
| <i>Amount brought forward,</i>        | \$4271 62 |
| American Book Company, books,         | 15 84     |
| Boston School Supply Co., books,      | 67 05     |
| Thompson, Brown, and Co., books,      | 10 00     |
| D. Appleton and Co., books,           | 2 50      |
| Andover Press, account,               | 11 40     |
| T. A. Holt and Co., supplies,         | 18 98     |
| John N. Cole, stationery, etc.,       | 59 09     |
| George W. Chandler, fuel,             | 172 19    |
| M. T. Walsh, repairs,                 | 35 72     |
| Joseph A. Smart, insurance,           | 95 00     |
| M. E. White, repairs,                 | 10 90     |
| Henry P. Noyes, repairs,              | 5 75      |
| H. F. Chase, repairs,                 | 80        |
| Henry McLawlin, supplies,             | 1 48      |
| Smith and Manning, supplies,          | 3 25      |
| P. P. Caprioni, supplies,             | 2 50      |
| W. Garrett, tuning,                   | 3 00      |
| William Wood, repairs,                | 24 35     |
| Silver, Burdett, and Co., supplies,   | 3 00      |
| J. C. Cannon, diplomas,               | 1 50      |
| C. P. Rea, labor,                     | 90        |
| H. Cunningham, labor,                 | 9 25      |
| Barnett Rogers, services,             | 2 00      |
| J. H. Blunt, labor,                   | 6 00      |
| John J. Donovan, recording deed,      | 50        |
| J. F. Low, sharpeners,                | 1 20      |
| Frank O. Baldwin, account             | 17 25     |
| Benj. B. Tuttle, expressing,          | 5 50      |
| American Express Company, expressing, | 1 65      |
| W. Read and Sons, guns,               | 9 75      |
| Total expenses,                       | \$4869 92 |

## Balance of income :

|                                     |           |
|-------------------------------------|-----------|
| Deposited in Savings Banks,         | \$2945 00 |
| Deposited in Andover National Bank, | 236 37    |
| Cash not deposited,                 | 15 40     |
|                                     | <hr/>     |
|                                     | 3196 77   |
|                                     | <hr/>     |
|                                     | \$8066 69 |

January 1, 1893.

GEO. H. POOR,

TREASURER.

January 16, 1893.

Examined, and found correct,

GEORGE GOULD,

CHARLES H. GILBERT,

AUDITORS.

FREDERIC PALMER, GEORGE GOULD,

JOHN J. BLAIR, HORACE H. TYER,

F. W. GREENE, GEO. H. POOR,

CHAS. H. GILBERT, SAM'L H. BOUTWELL,

TRUSTEES.

## Report of Cemetery Committee.

---

The Cemetery Committee herewith submit their Annual Report, with the statement of the receipts and expenditures for the year ending January 13th, 1893.

During the past year the avenues and walks have been gravelled, and one new avenue laid out, with fifty single grave-lots thereon, and other needed improvements that were required to keep the grounds in order. Owners of lots have expressed themselves as being satisfied with the general appearance of the Cemetery.

Seven burial lots and seven single graves have been sold during the past year.

The improvements needed for the ensuing year: The walks to be kept gravelled, the embankment taken away from the face wall.

We therefore respectfully ask for the appropriation of \$200, with the proceeds of such sales as may be made from the premises during the ensuing year.

## DR

## Cash paid

|   |          |          |
|---|----------|----------|
| Charles S. Parker, Superintendent,<br>1891-92 | \$100 00 |          |
| Henry A. Hayward, labor and team,             | 228 75   |          |
| Andover Press, printing,                      | 1 50     |          |
| Frank M. Foster, labor,                       | 3 75     |          |
| J. F. Nuckley, labor,                         | 68 88    |          |
| Henry McLawlin, supplies,                     | 1 40     |          |
| Anderson & Bowman, sharpening tools,          | 3 25     |          |
| G. Balch, labor,                              | 5 25     |          |
| F. G. Haynes & Co., supplies,                 | 90       |          |
|   | <hr/>    | \$413 68 |
|   |          | <hr/>    |

## CR.

## By cash received

|                           |          |          |
|---------------------------|----------|----------|
| Appropriation,            | \$200 00 |          |
| Sale of lots,             | 212 00   |          |
| For fixing Soldiers' lot, | 2 00     |          |
|                           | <hr/>    | \$414 00 |
| Balance unexpended,       |          | 32       |
|                           |          | <hr/>    |
|                           |          | \$413 68 |
|                           |          | <hr/>    |

|  |             |
|--|-------------|
| Received from the Town as per last Report,     | \$10511 02  |
| Received from the Town this year,              | 200 00      |
| Received from sale of lots, wood, grass, etc., | 5836 55     |
|  | <hr/>       |
|  | \$16,547 57 |
| Less overpaid,                                 | 1100 26     |
|  | <hr/>       |
|  | \$15447 31  |
|  | <hr/>       |



|  |             |            |
|--|-------------|------------|
| Cost of land,                                | \$3000 00   |            |
| Cost of improvements, as per<br>last Report, | \$12,033 31 |            |
| Cost of improvements this year,              | 413 68      |            |
|  | <hr/>       | \$12446 99 |
|  |             | \$15446 99 |
| Balance unexpended,                          |             | 32         |
|  |             | <hr/>      |
|  |             | \$15447 31 |
|  |             |            |
| Lots sold as per last Report,                | 187         |            |
| Lots sold this year,                         | 7           |            |
|  | <hr/>       | 194        |
|  |             |            |
| Whole number of single graves sold,          |             | 22         |
|  |             |            |
| Interments as per last report,               | 352         |            |
| Interments this year,                        | 37          |            |
|  | <hr/>       | 389        |

Respectfully submitted for the Committee,

CHARLES S. PARKER,

SUPERINTENDENT.

## Tax Collector's Account.

---

*George A. Putnam in Account with the Town of Andover.*

DR.

|   |          |
|---|----------|
| Amount due Town on 1890 Taxes, as by Report |          |
| January 12, 1892,                           | \$569 47 |

CR.

|                             |          |          |
|-----------------------------|----------|----------|
| Amount collected,           | \$530 00 |          |
| Amount abated and remitted, | 39 47    |          |
|                             | _____    | \$569 47 |

|                               |         |
|-------------------------------|---------|
| Interest on Taxes, 1890 List, | \$52 00 |
|-------------------------------|---------|

DR.

|   |           |
|---|-----------|
| Amount due Town on 1891 Taxes, as by Report |           |
| January 12, 1892,                           | \$3388 89 |

CR.

|                             |           |           |
|-----------------------------|-----------|-----------|
| Amount collected,           | \$3050 00 |           |
| Amount abated and remitted, | 140 81    |           |
| Amount uncollected,         | 198 08    |           |
|                             | _____     | \$3388 89 |

|                              |         |
|------------------------------|---------|
| Interest on Taxes 1891 List, | \$91 64 |
|------------------------------|---------|

|                         |       |
|-------------------------|-------|
| Old Taxes and Interest, | 39 53 |
|-------------------------|-------|

## DR.

|                                    |                  |
|------------------------------------|------------------|
| Assessors' List of Taxes for 1892, | \$58925 34       |
| Andover National Bank Tax,         | 3054 90          |
|                                    | <hr/> \$61980 24 |

## CR.

|                       |                  |
|-----------------------|------------------|
| Amount collected,     | \$57551 34       |
| Discount on Town Tax, | 2559 75          |
| Discount on Bank Tax, | 152 75           |
| *Amount uncollected,  | 1716 40          |
|                       | <hr/> \$61980 24 |

\*Amount uncollected Jan. 25, \$1539 70

GEORGE A. PUTNAM,

COLLECTOR.

ANDOVER, January 10, 1893.

## Treasurer's Account.

---

*George A. Parker, Treasurer, in Account with the Town of Andover.*

DR.

Cash received,

|   |                    |
|---|--------------------|
| Balance from last year,   | \$29 68            |
| Commonwealth, Corporation Taxes,                                    | 8578 11            |
| Commonwealth, Bank Taxes,   | 3142 50            |
| Commonwealth, State Aid,  | 1817 00            |
| Commonwealth, support State Pauper,                                 | 57 27              |
| Commonwealth, Burial Pauper,  | 43 00              |
| County of Essex, Dog Taxes returned,                                | 542 09             |
| George A. Putnam, Collector, 1890, taxes, interest, and abatements, | 621 47             |
| George A. Putnam, Collector, 1891, taxes, interest, and abatements, | 3190 81            |
| George A. Putnam, Collector, 1892, taxes and discount,              | 60263 84           |
| George A. Putnam, Collector, interest on taxes,                     | 91 64              |
| George A. Putnam, Collector, old taxes and interest,                | 39 53              |
| Sundry cities and towns, pauper account,                            | 355 06             |
| Andover National Bank, Notes discounted,                            | 72500 00           |
| Town House rents,   | 796 00             |
| Ballard Vale store rents,   | 224 00             |
| <i>Amount carried forward,</i>                                      | <u>\$152292 00</u> |

## CR.

## Cash paid Selectmen's Orders :

|                                |            |
|--------------------------------|------------|
| Schools,                       | \$14999 98 |
| School-houses,                 | 1500 00    |
| School Books and Supplies,     | 1000 00    |
| Highways,                      | 7395 05    |
| Snow removed,                  | 468 40     |
| Bonds,                         | 4417 24    |
| State Tax,                     | 5588 68    |
| Interest,                      | 8750 99    |
| Town Officers,                 | 4973 10    |
| Town House,                    | 1102 02    |
| Fire Department,               | 2985 41    |
| Horses and Drivers,            | 2808 56    |
| Street Lighting,               | 4569 77    |
| Printing and Stationery,       | 686 00     |
| Notes,                         | 59400 00   |
| Miscellaneous,                 | 1092 61    |
| Dog License Money, to Library, | 542 09     |
| Discount on Taxes,             | 2712 50    |
| Memorial Hall, lighting,       | 90 54      |
| Spring Grove Cemetery,         | 413 68     |
| Memorial Day,                  | 200 00     |
| Sinking Fund,                  | 150 00     |
| New Boiler,                    | 2100 00    |
| Maintenance,                   | 3500 00    |
| Insurance,                     | 211 00     |

*Amount carried forward,*\$131657 62

DR.

|   |                    |
|---|--------------------|
| <i>Amount brought forward,</i>  | \$152292 00        |
| Cash received,  |                    |
| Auctioncers' Licenses,  | 4 00               |
| Grove and Circus Licenses,  | 11 00              |
| Billiard and Pool Room License,   | 4 00               |
| Income from town farm,  | 1054 15            |
| Spring Grove Cemetery,  | 214 00             |
| School Committee, books sold,   | 19 71              |
| Town Maps sold,   | 1 50               |
| Relief out, money refunded,   | 212 19             |
| Street Superintendent, trimming trees, use of<br>derrick, gravel, road wash, manure and lum-<br>ber sold, | 155 55             |
| Boston and Maine Railroad, work on highway,   | 208 00             |
| J. Toye & Son, use of engine,   | 30 00              |
| Water rates,  | 5977 41            |
| Hay Scales,   | 75 70              |
| Criminal fees,  | 166 00             |
| Discount on County Tax,   | 56 68              |
| Old Hose and Pump sold,   | 5 00               |
| C. H. Newton, overdraw (School-houses),   | 7 25               |
|   | <u>\$160494 14</u> |

ANDOVER, Jan. 10, 1893.



CR.

|                                   |             |
|-----------------------------------|-------------|
| <i>Amount brought forward,</i>    | \$131657 62 |
| Cash paid Selectmen's Orders,     |             |
| Reservoir Land,                   | 1375 00     |
| County Tax,                       | 6376 17     |
| Punchard School Extension,        | 7411 15     |
| Grading,                          | 150 00      |
| Abbott Village School-house,      | 737 04      |
| Abatement of Taxes,               | 244 28      |
| Hay Scales,                       | 26 80       |
| <br>Cash paid Overseers' Orders : |             |
| State Aid,                        | 1523 00     |
| Military Aid,                     | 398 00      |
| Almshouse Expenses,               | 3970 64     |
| Relief out of Almshouse,          | 4991 79     |
| Almshouse Repairs,                | 770 38      |
| Cash on hand,                     | 862 27      |

---

\$160494 14

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GEO. A. PARKER, TREASURER.

## LIABILITIES.

|                                      |             |
|--------------------------------------|-------------|
| Trustees of Memorial Hall, Note,     | \$25000 00  |
| Trustees of Proprietors' Fund, Note, | 1600 00     |
| Andover National Bank, Notes,        | 18400 00    |
| Ware Sidewalk Fund,                  | 1480 23     |
| Water Bonds,                         | 155000 00   |
| Interest on Water Bonds,             | 1193 05     |
|                                      | <hr/>       |
|                                      | \$202673 28 |

## ASSETS.

|                               |             |
|-------------------------------|-------------|
| Cash on hand, Town Funds,     | \$862 27    |
| Cash on hand Waterworks,      | 3697 91     |
| Due from Cities and Towns,    | 387 35      |
| Commonwealth, State Aid,      | 1523 00     |
| Commonwealth, Military Aid,   | 199 00      |
| Commonwealth, Pauper Account, | 41 00       |
| Uncollected Taxes of 1891,    | 198 08      |
| Uncollected Taxes of 1892,    | 1716 40     |
|                               | <hr/>       |
|                               | \$8625 01   |
| Balance against the Town,     | \$194048 21 |

GEO. A. PARKER,

TREASURER.

## Waterworks.

*George A. Parker, Treasurer, in account with the Town of Andover.*

### DR.

|  |                  |
|--|------------------|
| Balance from last year,                    | \$1231 56        |
| Service-pipe,                              | 2338 62          |
| Maintenance, Town,                         | 3500 00          |
| New Boiler, Town,                          | 2100 00          |
| Reservoir Land, Town,                      | 1375 00          |
| Interest,                                  | 6131 82          |
| N. W. Harris & Co., Bonds,                 | 10000 00         |
| N. W. Harris & Co., Premium on Bonds,      | 331 50           |
| Redemption of Bonds, Town,                 | 4417 24          |
| Redemption of Bonds, Andover Savings Bank, | 582 76           |
|  | <hr/> \$32008 50 |

### CR.

|                                  |                        |
|----------------------------------|------------------------|
| Orders paid,                     | \$27979 09             |
| Broadway Savings Bank, Lawrence, |                        |
| Sinking Fund,                    | 331 50                 |
| Cash, Andover National Bank,     | 3697 91                |
|                                  | <hr/> \$32008 50 <hr/> |

Bonds Nos. 11 to 15 inclusive were redeemed Nov. 1, 1892.

## INTEREST ACCOUNT.

|  |           |
|--|-----------|
| Balance from last year,                | \$228 18  |
| Andover National Bank,                 | 3 77      |
| Town of Andover,                       | 6086 94   |
| N. W. Harris & Co., Interest on Bonds, | 41 11     |
|  | <hr/>     |
|  | \$6360 00 |
| Paid interest on Water Bonds,          | \$6280 00 |
| Balance on hand,                       | 80 00     |
|  | <hr/>     |
|  | \$6360 00 |

GEO. A. PARKER, TREASURER.

ANDOVER, Jan. 10, 1893.

## SINKING FUND.

## No. 1.

|                                 |           |           |
|---------------------------------|-----------|-----------|
| Balance Jan. 14, 1892,          | \$1262 67 |           |
| Received from Town of Andover,  | 150 00    |           |
| Interest, Andover Savings Bank, | 38 25     |           |
| Interest, Essex Savings Bank,   | 21 36     |           |
|                                 | <hr/>     |           |
|                                 |           | \$1472 28 |

## CR.

|                                    |          |           |
|------------------------------------|----------|-----------|
| Deposited in Andover Savings Bank, | \$921 65 |           |
| Deposited in Essex Savings Bank,   | 550 63   |           |
|                                    | <hr/>    |           |
|                                    |          | \$1472 28 |

## No. 2.

|                                  |          |          |
|----------------------------------|----------|----------|
| Received from Premium on Bonds,  | \$331 50 |          |
| Interest, Broadway Savings Bank, | 3 31     |          |
|                                  | <hr/>    |          |
|                                  |          | \$334 81 |

## CR.

|                                     |          |
|-------------------------------------|----------|
| Deposited in Broadway Savings Bank, | \$334 81 |
|-------------------------------------|----------|

GEORGE A. PARKER,

TREASURER SINKING FUND.

Andover, Jan. 10, 1893.

# Twenty-first Annual Report

## OF THE

### Trustees of Memorial Hall.

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The statistics of the accompanying report of the Librarian attest the large use and usefulness of the different departments of the Library during the past year. Three hundred new volumes have been added to the twelve thousand already on our shelves, aside from the fifty volumes of weekly or monthly periodicals which have been bound, and the two hundred old books so much used as to need rebinding. The gradually increasing number of youth who frequent the Library for consultation of books of reference and the reading of newspapers and magazines is a favorable feature which has attracted notice.

The introduction of electric lights in the Reading-room within the year has been a source of great satisfaction and comfort to the large number of patrons whose only time for using the Library is in the evening. We feel sure that the citizens of the town will never be willing to return to the inadequate and injurious system of lighting previously employed.

By the generosity of a few gentlemen a fine portrait of Hon. Amos Abbott, a well-known former citizen of Andover, has been presented to the Library, and, after the regilding of the frame, hung in the Hall. It would be quite in keeping with the design of Memorial Hall if similar memorials of other prominent residents of the town could be added to those already in its possession.

We record with sadness the recent death of Mr. John Cornell, who had been one of the Trustees of Memorial Hall for nearly sixteen years, and whose excellent judgment and public spirit made him a specially valuable member of our Board. He supplemented this long period of faithful service in the interests of the Library by making to it the generous bequest indicated in the following extract from his will :

*"Item sixth.* — To the Trustees of Memorial Hall in said Andover the sum of five thousand dollars, the same to be expended in the purchase of a collection of historical articles and such works of art as they may deem expedient.

*Item seventh.* — To the Trustees of the Memorial Hall in said Andover, and their successors in office, five thousand dollars, the income there from to be expended in the care and preservation of the collection mentioned in the sixth item hereof."

The vacancy occasioned by the death of Mr. Cornell was filled at the last meeting of the Board by the election of Mr. George W. Foster.

Respectfully submitted,

JOSEPH W. SMITH,  
FRANCIS H. JOHNSON,  
E. KENDALL JENKINS,  
JAMES B. SMITH,  
JOSEPH A. SMART,  
C. C. CARPENTER,

TRUSTEES.

ANDOVER, Feb. 15, 1893.

This certifies that we have examined the within account,  
and find the same correctly cast and properly vouched.

JAMES B. SMITH,  
F. KENDALL JENKINS,  
COMMITTEE OF ACCOUNTS.

ANDOVER, Jan. 24, 1893.



## Trustees of Memorial Hall.

*Town of Andover in Account with Joseph A. Smart, Treasurer of  
Memorial Hall.*

CR.

|   |                 |
|---|-----------------|
| To balance from last year,                      | \$916 48        |
| To cash received :                              |                 |
| May 2, 1892, Town Treasurer, interest,          | 1400 00         |
| June 13, 1892, Town Treas., electric lighting,  | 13 45           |
| Aug. 2, 1892, Town Treas., electric lighting,   | 15 10           |
| Sept. 27, 1892, Pacific Guano Co, dividend.,    | 165 13          |
| Oct. 3, 1892, Town Treas., electric lighting,   | 9 98            |
| Nov. 7, 1892, Town Treas., electric lighting,   | 26 05           |
| Nov. 23, 1892, Broadway Savings Bank, interest, | 20 68           |
| Dec. 5, 1892, Town Treas., electric lighting,   | 13 92           |
| Jan. 4, 1893, Fines and rents,                  | 61 36           |
| Jan. 16, 1893, Town Treas., electric lighting,  | 12 04           |
| Jan. 16, 1893, Town Treas., Dog-tax,            | 542 09          |
| Jan. 23, 1893, Andover Savings Bank, interest,  | 46 22           |
|   | <hr/> \$3242 50 |

DR.

|                                |                 |
|--------------------------------|-----------------|
| For Cash paid                  |                 |
| Ballard Holt, salary,          | \$720 00        |
| James O. Bradshaw, salary,     | 56 00           |
| Little, Brown, and Co., books, | 249 80          |
| W. Small, books,               | 6 37            |
| John N. Cole, books,           | 133 15          |
| <i>Amount carried forward,</i> | <hr/> \$1165 32 |

|   |           |
|---|-----------|
| <i>Amount brought forward,</i>                      | \$1165 32 |
| For cash paid                                       |           |
| Andover Press, papers,                              | 8 00      |
| John H. Chandler, papers,                           | 34 18     |
| Charles N. L. Stone, paper,                         | 1 50      |
| J. G. Roberts and Co., binding,                     | 103 88    |
| Andover Electric Company, lighting,                 | 90 54     |
| Andover Press, supplies,                            | 80 75     |
| John N. Cole, supplies,                             | 1 70      |
| J. A. Smart, agent, insurance (building and books), | 430 50    |
| Hardy and Cole, repairs,                            | 9 80      |
| Andover Electric Company, wiring,                   | 52 24     |
| Andover Electric Company, lamp,                     | 85        |
| Smith and Manning, supplies,                        | 6 65      |
| George Saunders, repairs,                           | 9 70      |
| George W. Chandler, coal,                           | 168 75    |
| Express,  | 4 80      |
| E. H. Barnard, repairs,                             | 1 75      |
| Ballard Holt, sundries,                             | 26 50     |
| T. Howard, repairs,                                 | 25 19     |
| John Cornell, coal,                                 | 1 75      |
| T. A. Holt and Co., supplies,                       | 4 00      |
| T. C. Hoffman, birds,                               | 10 00     |
| Charles M. Muster, repairs,                         | 10 00     |
| E. H. Sheldon, supplies,                            | 9 10      |
| Fidelity Bond, treasurer's bond,                    | 7 50      |
| Andover Waterworks, water,                          | 5 00      |
|   | <hr/>     |
|   | \$2269 95 |
| Deposited in Broadway Savings Bank,                 | 165 13    |
| Cash on hand and in Bank,                           | 807 42    |
|   | <hr/>     |
|   | \$3242 50 |

JOSEPH A. SMART,

TREASURER.

ANDOVER, Jan. 20, 1893.



BULLETIN No. 12.

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LIST OF ACCESSIONS,  
1892.



## Report of Librarian.

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*To the Trustees of the Memorial Hall Library:*

GENTLEMEN,—The Librarian's Report for the year ending December 31, 1892 is herewith respectfully presented.

### Comparative Statistics.

|   | 1891.            | 1892.            |
|---|------------------|------------------|
| Number of volumes added by purchase,            | 246              | 253              |
| Number of volumes presented,                    | 61               | 56               |
| Volumes of periodicals bound,                   | 56               | 49               |
| Whole number of volumes in the Library,         | 12,101           | 12,459           |
| Pamphlets presented during the year,            | 131              | 128              |
| Whole number of pamphlets in the Library,       | 6799             | 6927             |
| Number of days on which books were delivered,   | 250              | 249              |
| Number of volumes delivered,                    | 21,142           | 18,589           |
| Largest daily issue,                            | 264              | 229              |
| Largest weekly issue,                           | 622              | 526              |
| Average daily issue,                            | 84 $\frac{3}{8}$ | 76               |
| Per-centage of juvenile and fiction circulated, | 81 $\frac{1}{2}$ | 79 $\frac{3}{4}$ |
| Notices to delinquent borrowers,                | 1029             | 1088             |
| New names registered,                           | 188              | 199              |
| Whole number of names registered,               | 5086             | 5285             |
| Number of volumes covered anew,                 | 1756             | 1242             |
| Number of volumes rebound,                      | 160              | 214              |
| Average daily attendance in Reading-room,       | 86               | 77               |
| Volumes delivered for use in Reading-room,      | 496              | 536              |
| Amount of fines collected,                      | \$54 22          | \$54 74          |
| Amount received for use of books,               | 10 88            | 6 62             |

## List of Donors.

|  | Vols. | Pamp. | Pap's. |
|--|-------|-------|--------|
| Abbot, William.                                  | 1     |       |        |
| Abbot Courant.                                   |       | 2     |        |
| Abbott, Miss Mary S.                             | 1     |       |        |
| American Economist.                              |       |       | 36     |
| Andover, Town of.                                | 2     |       |        |
| Appleton, Francis H. Boston, Mass.               | 1     |       |        |
| Berry, John M. Worcester, Mass.                  |       | 1     |        |
| Boston Public Library.                           |       | 1     |        |
| Briggs, N. A. Shaker Village, N. H.              |       | 12    |        |
| Brookline Public Library,                        |       | 1     |        |
| Carpenter, Rev. C. C.                            |       | 1     |        |
| Charnley, Mrs. William.                          | 3     |       |        |
| Concord Free Public Library.                     |       | 1     |        |
| Dalton, J. G.                                    | 1     |       |        |
| Denver Free Public Library.                      |       | 1     |        |
| Eaton, Mrs. L. H.                                | 20    |       |        |
| Fall River Public Library.                       |       | 1     |        |
| Gile, E.   | 3     |       |        |
| Gordon, H. L. Minneapolis, Minn.                 | 1     |       |        |
| Lawrence Public Library.                         |       | 3     |        |
| McCollum, William J.                             | 1     |       |        |
| McDonald, Hon. Marshall. Washington, D. C.       | 1     |       |        |
| Malden Public Library.                           |       | 1     |        |
| Massachusetts, Commonwealth of.                  | 12    | 3     |        |
| Massachusetts Society for the Prevention of Cru- |       |       |        |
| elty to Animals, "Our Dumb Animals," 1892.       |       |       | 12     |
| Middleton, David.                                |       |       | 31     |
| Newton Free Public Library.                      |       | 1     |        |
| Palmer, Rev. F.                                  |       | 1     |        |
| Salem Public Library.                            |       | 1     |        |
| Smith, James B.                                  | 5     |       |        |
| Stevens, Hon. Moses T. North Andover.            | 23    | 1     |        |
| Taylor, Edward. [Miscellaneous volumes and       |       |       |        |
| pamphlets.                                       |       |       |        |
| Taylor, Mrs. John Phelps.                        | 1     |       | 50     |



Vols. Pamp. Pap's

|   |          |           |           |
|---|----------|-----------|-----------|
| Travellers' Insurance Co. Travellers' Record, 1892. |          |           | 12        |
| Tyer Rubber Co.                                     |          | 23        |           |
| United States.                                      | 6        | 73        |           |
|   | <hr/> 83 | <hr/> 128 | <hr/> 141 |

**Other Donations.**

- Jackson, Miss S. E. Piece of Oak from the War Ship Cumberland.
- Lowe, Miss Mary A. Engraving of Lafayette.  
Canteen and Cartridge Box.

Twenty volumes have been withdrawn, and replaced with new ones.

One volume has been lost, and replaced at the expense of the loser.

One number each of Boston Daily Journal, Boston Evening Transcript, Golden Days, Littell's Living Age, and two numbers of Harper's Young People have been taken from the Reading-room, and not returned.

BALLARD HOLT,

LIBRARIAN.

ANDOVER, Jan. 4, 1893.



## LIST OF BOOKS ADDED SINCE JAN. 1, 1892.

## A.

- Abbot, Abiel and Ephraim. Genealogical register of the descendants of George Abbot of Andover, George A. of Rowley, Thomas A. of Andover, Arthur A. of Ipswich, Robert A. of Branford, Ct., and George A. of Norwalk, Ct., \*583.10
- Abbott, Charles C. Recent rambles; or, in touch with nature, 1765.8
- Adams, Charles Francis. Three episodes in Massachusetts history. 2 vols. 1744.1-2
- Adams, Charles K. Christopher Columbus: his life and work. [Makers of America.] 1278.11
- Adams, Oscar Fay. The story of Jane Austen's life. 1755.1
- Aidé, Hamilton. A voyage of discovery. A novel of American society. 1912.2
- Alden, Isabella M. (Pansy). Glimpses of girlhood. 888.12
- Allen, James L. The blue-grass regions of Kentucky, and other Kentucky articles. 1768 1
- Allen, Willis Boyd. Gulf and Glazier; or, the Percivals in Alaska. 1918.2
- American Agriculturist. Vol. 50. 1891. 1115.1
- American Naturalist. Vol. 25. 1891. 1423.6
- An Englishman in Paris. (Notes and recollections.) 1743.1
- Andover Review. Vol. 16-17. 1891-92. 1412.4-5
- Andover Townsman. Vol. 5. 1892. Ref
- Andrews, Jane. The seven little sisters who live on the round ball that floats in the air. 1943.1
- Arnold, Sir Edwin. In tent and burgalow. [Unknown Library.] 862.23
- Ascham, Roger, and others. The schoolmaster in literature. With an introduction by Edward Eggleston. 1236.19
- Atlantic Monthly. Vol. 68-69. 1892-93. 2 vols. 1313.8-9
- Atkinson, John C. Forty years in a moorland parish: reminiscences and researches in Danby and Cleveland. 1754.4
- Walks, talks, travels, and exploits of two schoolboys. 1915.2
- Austin, Jane Goodwin. Betty Alden: the first-born daughter of the pilgrims. 1934.1
- David Alden's daughter, and other stories of colonial times. 1934.2

## B.

|  |          |
|--|----------|
| Ballou, Maturin M. Equatorial America.   | 1454.15  |
| Barr, Amelia E. The beads of Tasmer.   | 1963.2   |
| A sister to Esau.  | 1963.1   |
| Barrie, James M. The little minister.  | 1938.1   |
| Beers, Henry A. Nathaniel P. Willis. [American men of letters.]  | 456.19   |
| Besant, Walter. London.  | 1242.3   |
| Birrell, Augustine. Res judicatae : papers and essays.   | 1261.19  |
| Bishop, Nathaniel H. Four months in a sneak-box. A boat voyage of 2600 miles down the Ohio and Mississippi rivers, and along the Gulf of Mexico. | 1453.23  |
| Bissell, Mary T. Physical development and exercise for women.  | 1718.1   |
| Black, William. Donald Ross of Heirvura. A novel.  | 712.21   |
| Blackwood, H. G. <i>Marchioness of Dufferin and Ava</i> . My Canadian journal, 1872-78.  | 346.18   |
| Blackwood's Edinburgh Magazine. Vol. 160-161. 1891-92. 2 vols.   | 1435.2-3 |
| Blouet, Paul. (Max O'Rell.) A Frenchman in America.  | 1477.4   |
| Bolles, Frank. Land of the lingering snow: chronicles of a stroller in New England from January to June.   | 1454.13  |
| Bolton, Sarah K. Lives of poor boys who became famous.   | 1753.4   |
| Boyd, Andrew H. K. Twenty-five years of St. Andrews. September 1865 to September 1890. Vol. 1.   | 1221.15  |
| Brine, M. D. Dan: a story for boys.  | 1931.5   |
| Brooks, Charles. History of Medford, Mass., 1630-1855.   | *583.9   |
| Brown, Gerald Baldwin. The fine arts.  | 1767.3   |
| Bruce, Henry. Life of General Houston. [Makers of America.]  | 1278.9   |
| Buckley, J. M. Faith-healing, Christian science, and kindred phenomena.  | 1728.2   |
| Burnham, Clara L. Miss Bagg's secretary: a West Point romance.   | 1953.1   |
| Burroughs, John. Wake-robin.   | 759.11   |
| Bush, Richard J. Reindeer, dogs, and snow-shoes. Siberian travel and explorations made in 1865-67.   | 1722.1   |
| Butterworth, Hezekiah. In the boyhood of Lincoln.  | 1948.3   |
| Byng, Arthur H., and Stephens, Stephen M. Editors. The autobiography of an English gamekeeper, John Wilkins, of Standish, Essex.                 | 1753.5   |
| Bynner, Edwin Lassetter. The chase of the Meteor, and other stories.   | 1932.1   |
| Zachary Phipps.  | 1932.3   |

## C.

|  |            |
|--|------------|
| Caine, Hall. The scapegoat.  | 1958.4     |
| Calmire.   | 1923.3     |
| Cambridge, Ada. Not all in vain.   | 728.30     |
| Camp, Walter. American football.   | 1452.6     |
| Campbell, Mrs. Helen. Darkness and daylight; or, lights and shadows of New York life.  | 1247.3     |
| Carlyle, Thomas. Lectures on the history of literature, April to July 1838.  | 1235.14    |
| Carter, Franklin. Mark Hopkins. [American religious leaders.]  | 1257.10    |
| Caswell, Mrs. Harriet L. Our life among the Iroquois Indians.  | 1745.2     |
| Century Magazine. Vol. 21-22. 1892. 2 vols.  | 1336.11-12 |
| Chadwick, F. E., and others. Ocean steamships: a popular account of their construction, development, management, and appliances. | 1451.6     |
| Chapin, Frederick H. The land of the cliff-dwellers.   | 1765.7     |
| Church, John. Musical Visitor. Vol. 20. 1891.  | 1354.16    |
| Churchill, Seton. General Gordon, a Christian hero.  | 1753.1     |
| Claffin, Mary B. Brampton sketches, new and old.   | 1933.1     |
| Clarke, Charles. A younger sister.   | 1958.5     |
| Clarke, Isaac E. Art and industry. Education in the industrial and fine arts in the United States. 2 vols.                       | 1514.1-2   |
| Vol. 1. Drawing in the public schools.   |            |
| Vol. 2. Industrial and manual training in public schools.  |            |
| Clarke, Rebecca S. (Sophie May). In old Quinnebasset.  | 1935.1     |
| Clemens, Samuel L. (Mark Twain). The American claimant.  | 761.15     |
| Merry tales.   | 1948.1     |
| Clifford, Mrs. W. K. Aunt Anne: a novel.   | 1967.3     |
| Contemporary Review. Vol. 60-61. 1891-92.  | 1126.4-5   |
| Cooke, George Willis. A guide-book to the works of Robert Browning.  | 1235.13    |
| Cornhill Magazine. New Series. Vol. 18. 1892.  | 1135.1     |
| Couch, Arthur T. Q. ("Q.") The blue pavilions.   | 1958.2     |
| Cox, Maria McIntosh. Jack Brereton's three months' service.  | 1928.2     |
| Crawford, Frank Marion. The three fates.   | 1962.2     |
| Croley, Jennie C. (Jennie June). Thrown on her own resources, or what girls can do.  | 1766.1     |
| Curtis, George William. From the easy chair.   | 1261.18    |

## D.

|  |         |
|--|---------|
| Dall, Caroline H. Barbara Fritchie: a study.           | 1746.1  |
| Dalton, J. G. Lyra Bicyelia: sixty poets on the wheel. | 1244.11 |
| Davis, Rebecca Harding. Silhouettes of American life.  | 1927.2  |

|  |         |
|--|---------|
| Davis, Richard Harding. Stories for boys.  | 1927.1  |
| The West from a car-window.  | 1765.5  |
| Davis, Richard Harding, and others. The great streets of the world.                            | 191.18  |
| Dawes, Anna L. Charles Sumner. [Makers of America.]  | 1278.10 |
| DeFoe, Daniel. Life of Colonel Jack.   | 1928.1  |
| Deland, Margaret. The story of a child.  | 1943.4  |
| Devens, Charles. Orations and addresses. Edited by A. L. Devens; with a memoir by J. C. Ropes. | 1277.4  |
| Doudney, Sarah. Miss Willowburn's offer.   | 1933.2  |

## E.

|  |         |
|--|---------|
| Earle, Alice M. China collecting in America. | 1731.1  |
| English Illustrated Magazine. 1891-92.       | 1314.12 |
| Eschstruth, Nataly von. The Erl queen.       | 1958.6  |

## F.

|   |           |
|---|-----------|
| Farrar, Charles A. J. Wild woods life; or, a trip to Parmachenee.   | 1944.1    |
| Farrar, Frederic W. Darkness and dawn; or, scenes in the days of Nero.  | 1924.1    |
| Social and present-day questions.   | 1761.1    |
| Fisher, George Park. The colonial era.  | 1226.11   |
| Fiske, John. The discovery of America; with some account of ancient America and the Spanish conquest. 2 vols. | 1226.9-10 |
| Foote, Mary Hallock. The chosen valley.   | 1967.6    |
| Forbes, Archibald. Barracks, bivouacs, and battles.   | 1928.3    |
| Forum, The. Vol. 12-13. 1892. 2 vols:   | 1124.1-2  |
| Froude, James Anthony. The Spanish story of America, and other essays.  | 1261.20   |
| Frith, Henry. The biography of a locomotive engine.   | 1767.2    |
| Fullerton, William Morton. In Cairo.  | 1454.14   |

## G.

|   |         |
|---|---------|
| Galpin, Barbara N. In foreign lands.                                  | 1454.17 |
| Gerard, Dorothea. Etelka's vow: a novel.                              | 1912.7  |
| A queen of cards and cream.   | 1912.3  |
| Gilman, Nicholas P. Conduct as a fine art. The laws of daily conduct. | 1266.7  |
| Gilman, Stella. That Dakota girl.                                     | 1967.7  |
| Good Words for 1891.  | 1316.5  |

|                 |  |        |
|-----------------|--|--------|
| Gordon, H. L.   | The feast of the virgins, and other poems.       | 336.17 |
| Gordon, M. L.   | An American missionary in Japan.                 | 1745.3 |
| Grant, Robert.  | The reflections of a married man.                | 1912.4 |
| Grindon, Leo H. | Lancashire : brief historical descriptive notes. | 1745.1 |

## H.

|                                    |   |            |
|------------------------------------|---|------------|
| Haggard, H. Ryder.                 | Nada the lily.  | 678.22     |
| Hale, Edward Everett.              | East and west : a story of new-born Ohio.   | 1947.3     |
|                                    | Stories of adventure : told by adventurers.   | 759.8      |
|                                    | The story of Massachusetts. [Story of the States.]  | 1472.4     |
|                                    | Sybil Knox ; or, home again : a story of to-day.  | 1947.1     |
| Hale, Edward E. and Lucretia P.    | The new Harry and Lucy : a story of Boston in the summer of 1891.   | 1947.2     |
| Hall, William W.                   | Journal of Health. Vol. 38. 1891.   | 1016.19    |
| Hardy, Edward J.                   | The business of life : a book for every one.  | 1266.6     |
|                                    | How to be happy though married.   | 1218.3     |
| Hardy, Thomas.                     | Tess of the D'Urbervilles : a pure woman faithfully presented.  | 1923.2     |
| Harper's New Monthly Magazine.     | Vol. 83-85. 1891-92. 3 vols.  | 1333.10-12 |
| Harper's Weekly.                   | July 1891 to June 1892. 2 vols.   | *571.16-17 |
| Harris, Joel Chandler.             | On the plantation : a story of a Georgia boy's adventure during the war.                                      | 1956.1     |
|                                    | Uncle Remus and his friends : old plantation stories, songs, and ballads ; with sketches of negro characters. | 1956.2     |
| Hector, Annie F. (Mrs. Alexander). | Mammon.   | 1957.1     |
|                                    | The snare of the fowler.  | 1957.2     |
| Herrick, Christine T.              | The little dinner.  | 1217.18    |
| Holmes, Oliver Wendell.            | Pages from an old volume of life : a collection of essays, 1857-1881.   | 1261.17    |
| Home-Maker, The.                   | Vol. 7-8. 1892. 2 vols.   | 1356.7-8   |
| Hopkins, George M.                 | Experimental science. Elementary, practical, and experimental physics.  | 1721.1     |
| Hoppin, James M.                   | The early renaissance, and other essays on art subjects.  | 411.16     |
| Howells, William Dean.             | An imperative duty : a novel.   | 734.17     |
|                                    | A letter of introduction.   | 739.1      |
|                                    | The quality of mercy.   | 734.16     |
| Howitt, William.                   | Homes and haunts of the most eminent British poets.   | 1752.8     |
| Hume, Fergus.                      | Aladdin in London : a novel.  | 1943.2     |
| Hutton, Arthur W.                  | Cardinal Manning.   | 1752.10    |
| Hutton, Laurence.                  | Literary landmarks of Edinburgh.  | 424.25     |



## J.

- Jackson, Edward P. Character building. A master's talks with his pupils. 1266.7
- James, Henry, jr. The lesson of the master. The marriages. The pupil. Brooksmith. The solution. Sir Edmund Orme. 1952.1
- Johnston, Richard Malcolm. Dukesborough tales. The chronicles of Mr. Bill Williams. 1912.5

## K.

- Kennan, George. Siberia and the exile question. 2 vols. 1431.16-17
- Kennedy, Grace. Durallan; or, know what you judge. 1958.1
- King, Charles. Captain Blake. 1928.4
- Two soldiers, and Dunraven ranch: two novels. 1928.5
- Kingsley, Charles. Madam how and lady why; or, first lessons in earth lore for children. 1945.1
- Kipling, Rudyard, and Balastier, Wolcott. The Naulaka: a story of west and east. 678.23
- Knox, Thomas W. Boy travellers in Central Europe. 813.17
- Boy travellers in Northern Europe. 813.16

## L.

- Ladd, Horatio O. The story of Mexico. [The story of the states.] 1472.5
- Lane, Lydia Spencer. I married a soldier; or, old days in the old army. 1943.3
- Larcom, Lucy. At the beautiful gate, and other songs of faith. 188.28
- The unseen friend. 1244.12
- Lawless, Emily. Grania: the story of an island. 1912.6
- Lawrence American and Andover Advertiser. 1891. Ref.
- Lee, Elizabeth. The Humor of France. [International humor.] 1737.1
- Littell's Living Age. Series V. Vol. 76-79. 1891-92. 1064.12-15
- Locke, David Ross ("Nasby"). The demagogue: a political novel. 1967.2
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## Schedule of Town Property.

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|   |              |
|---|--------------|
| Town House, fixtures, and furniture,      | \$22000 00   |
| Land,                                     | 4000 00      |
| School-house property,                    | 102000 00    |
| Punchard School Fund,                     | 75200 00     |
| Memorial Hall and Land,                   | 28500 00     |
| Memorial Hall permanent Fund,             | 20000 00     |
| Memorial Hall Library, John Byers Fund,   | 5000 00      |
| Memorial Hall Library and Furniture,      | 8000 00      |
| Town Farm and buildings,                  | 12000 00     |
| Personal property at Town Farm,           | 3778 50      |
| Two Engine-houses and Shed,               | 12000 00     |
| Two Steam Fire-engines and apparatus,     | 10000 00     |
| One Hand-engine and apparatus,            | 200 00       |
| One Hook and Ladder Truck,                | 400 00       |
| Five Horses,                              | 900 00       |
| Stone Breaker and Engine,                 | 2400 00      |
| Carts, Harnesses, and Tools,              | 500 00       |
| Waterworks Property,                      | 160000 00    |
| Six Reservoirs,                           | 2000 00      |
| Indian Ridge Land,                        | 4000 00      |
| Spring Grove Cemetery and Receiving Tomb, | 7000 00      |
| Hay Scales,                               | 350 00       |
| Safe in Town House,                       | 450 00       |
| Weights and measures,                     | 325 00       |
| Total,                                    | \$481,003 50 |

## The Public Park.

The Committee on Public Park beg leave to report as follows:

A public park in Andover may not be of such urgent need as are many other improvements, but it has seemed best to your committee to consider the future and not the present in preparing this report. On the east side of the "Old Railroad," between Andover and North Andover, the town owns a tract of woodland, familiarly known as "Carmel Woods," whose rolling surface and handsome groves might be made into a beautiful park.

This piece of land may be considered to be quite a distance from the centre, but there are several reasons why it comes into this report for consideration. The town owns it; its surface is broken by pretty knolls and glens, and attractive groves, walks and drives could be laid out within its borders with a small outlay each year.

It is the judgment of your committee that a landscape gardner or some forrester should be secured to lay out this piece of land on a plan, and year by year a small sum should be appropriated to cut a few trees, make a few walks, and all being in accord with a definite, well-defined plan, would in a few years give to our town an attractive pleasure ground with but little expenditure of money.

The committee further recommends that the town carefully consider the land known as the "Richardson lot," and its value to the town if acquired and improved. This piece of

land is the best located of any plat in town for a local, central public play-ground. It is not large enough to be considered as a public park, but its size easily admits of an ample and first-class play-ground, intersected by walks and dotted by bits of lawn, all making a delightful breathing place for old and young. Its near location to the school buildings owned by the town, and the assured growth of the town should be considered.

The question of draining the centre of town finds a partial solution in the lowering of Stony Brook: the control of the Richardson lot puts this brook into the hands of the town and its lowering would afford not only the proper drainage of this land, but many acres of land back of the Richardson property, desirable and attractive for building purposes, if properly drained. The filling in of low places in this land, if owned by the town, could be done as the town was able, and by use of refuse matter now used to fill in private land, need not be an expensive job.

WM. S. JENKINS,

JOHN L. SMITH,

JOSEPH M. BRADLEY,

CHARLES L. CARTER,

JOHN N. COLE,

COMMITTEE.

## Sewerage.

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The Committee on Drainage and Sewerage having looked over the most thickly settled portion of the town are unanimous in concluding that the time has arrived when the Town should, without delay, secure a competent surveyor's plan, specifications, and estimates, for the construction of such a system of sewerage as may be acceptable to the Town and State board of health. The committee have no desire to cite individual cases to convince the citizens that a necessity exists demanding the better protection of the Town against disease, and would recommend that the Town elect commissioners to carry a system of sewerage into effect.

WM. S. JENKINS,  
WM. B. GRAVES,  
JOHN L. SMITH,  
JOSEPH M. BRADLEY,  
CHARLES E. ABBOTT,  
COMMITTEE.

We have examined the accounts of the Town Officers, and find them correct, with satisfactory vouchers for all payments made.

The Town Treasurer has on deposit in the Andover National Bank thirty-six hundred and ninety-seven dollars and ninety-one cents (\$3697.91) to the credit of the water loan, and eight-hundred and sixty-two dollars and twenty-seven cents (\$862.27) town funds; total, forty-five hundred and sixty dollars and eighteen cents (\$4560.18).

ALBERT S. MANNING,  
HOWELL F. WILSON,  
BARNETT ROGERS,

AUDITORS.

ANDOVER, MASS., Jan. 26, 1893.

## NOTE.

January 15, 1893. I received from George A. Putnam, Collector, \$142.26, from Sale of Lots in Ballard Vale, which amount has been deposited in the Andover Savings Bank.

GEO. A. PARKER, TREASURER.

## Town Warrant.

ESSEX, SS. To either of the Constables of the Town of  
Andover. GREETING :

In the name of the Commonwealth of Massachusetts, you are hereby directed to notify and warn the inhabitants of the Town of Andover, qualified to vote in town affairs, to meet and assemble at the Town House in said Andover, on Monday, the Sixth day of March, 1893, at Nine o'clock, A.M., to act on the following Articles, namely :

Article 1st. — To choose a Moderator to preside at said meeting.

Article 2d. — To choose Town Clerk, Treasurer, Collector of Taxes, One member of the Board of Selectmen, Assessors, and Overseers of the Poor for three years, Three members of the School Committee for three years, One Water Commissioner for three years, One Trustee of the Memorial Hall for seven years, one or more Auditors of Accounts, Constables, Fence Viewers, Field Drivers, Surveyors of Lumber, a Pound Keeper, a Committee of Seven for the Spring Grove Cemetery for three years, and a Committee on Street Lighting.



Article 3d. — To take action on the following question :  
 “ Shall Licenses be granted for the Sale of Intoxicating  
 Liquors in this Town ? ”

Article 4th. — To determine the disposition of unexpended appropriations.

Article 5th. — To determine what sums of money shall be appropriated for Schools; School-houses, School Books and Supplies, Highways and Bridges, Sidewalks, Removing Snow, Horses and Drivers, Town Officers, Town House, Shade Trees, Hay Scales, Fire Department, Insurance, Street Lighting, Printing and Stationery, Spring Grove Cemetery, Memorial Day, Memorial Hall, State Aid, Military Aid, Waterworks, Interest on Bonds, Funds, and Notes, State Tax, County Tax, Discount on Taxes, Abatement of Taxes, Almshouse Expenses, Relief out of Almshouse, Repairs on Almshouse, and Miscellaneous.

Article 6th. — To authorize the Treasurer to hire money for the use of the Town when necessary, upon the approval of the Selectmen.

Article 7th. — To determine the method of collecting the Taxes the ensuing year.

Article 8th. — To fix the pay of the Firemen for the ensuing year.

Article 9th. — To see if the Town will revise and accept the List of names for Jurors, prepared and posted by the Selectmen.

Article 10th. — To hear and act on the Reports of the Selectmen and other Town Officers.

Article 11th. — To see if the Town will establish a public watering trough at the terminus of the water-pipe on Salem Street.

Article 12th. — To hear the report of the committee on drainage and act thereon.

Article 13th. — To hear the report of the committee on Public Park, and act thereon.

Article 14th. — To see what sum of money the Town will appropriate for making surveys, plans, and estimates for a complete system of sewerage.

Article 15th. — To see if the Town will re-appropriate the sum of one thousand and twenty-eight dollars (\$1028) for the extension of Morton Street (formerly Pike Street) as laid out by the Selectmen in February, 1887, and accepted by the Town March 7, 1887, on petition of Nathan F. Abbott and others.

Article 16th. — To see if the Town will appropriate money for the distribution of library books in the outlying districts, on petition of Edward W. Burtt and others.

Article 17th. — To see if the Town will accept the following bequest of the late John Cornell, and choose a board of trustees as specified in said will: "To the inhabitants of Andover, aforesaid, five thousand dollars, in trust, the income therefrom to be used in the purchase of wood and coal for the worthy poor of said Andover, said fund to be held by a board of trustees chosen at a meeting of said inhabitants, and said trustees to apportion said wood and coal."

Article 18th. — To see if the Town will authorize the Water Commissioners to issue ten thousand dollars (\$10,000) worth of bonds.

Article 19th. — To see if the Town will establish and keep a watch, and also establish the number and qualifications of the watchman, on petition of Geo. F. Cheever.

Article 20th. — To see if the Town will pay Silas Buck the value of his horse killed while taking the J. P. Bradlee Engine to the fire at William Haley's in Wilmington, April 12, 1892, on petition of Charles Greene and others.

Article 21st. — To see if the Town will adopt sections one, two, and three of Chapter 104 of the Public Statutes relating to the erection, construction, and use of buildings, make regulations or by-laws thereunder, and determine the limits within which the same shall apply.

Article 22d. — To see if the Town will vote to enlarge the culverts under Bartlet and East Chestnut Streets, through which the waters of Stony Brook, so called, are conducted, and appropriate a sum of money therefor, on petition of Erwin C. Pike and others.

Article 23d. — To see if the Town will vote to elect its members of the Board of Selectmen for a term of one year, instead of three years as at present.

Article 24th. — To see if the Town will repair the old school-house at Ballard Vale, and appropriate a sum of money therefor.

Article 25th. — To see if the Town will instruct its Selectmen or Engineers to sell one of the steam fire engines.

Article 26th.—To determine the amount of money to be raised by taxation the ensuing year.

Article 27th.—To transact any other business that may legally come before the meeting.

Hereof fail not, and make due return of this Warrant, with your doings thereon, to the Town Clerk, at the time and place of meeting.

Given under our hands, at Andover, this Fourteenth day of February, in the year one thousand eight hundred and ninety-three.

|                    |                    |
|--------------------|--------------------|
| PETER D. SMITH,    | } <i>Selectmen</i> |
| SAM'L H. BOUTWELL, |                    |
| JOHN S. STARK,     |                    |
|                    | <i>of</i>          |
|                    | <i>Andover.</i>    |

A true Copy.— Attest:

GEORGE F. CHEEVER,

Constable of Andover.



## Appropriations, 1893.

The following Appropriations are recommended for the ensuing year.

|                                      |                    |
|--------------------------------------|--------------------|
| Schools,                             | \$20400 00         |
| School-Houses,                       | 13500 00           |
| School-Books and Supplies,           | 1800 00            |
| Highways and Bridges,                | 10000 00           |
| Sidewalks,                           | 1500 00            |
| Removing Snow,                       | 800 00             |
| Town Officers,                       | 5000 00            |
| Town House,                          | 1500 00            |
| Memorial Hall,                       | 175 00             |
| Waterworks,                          | 19100 00           |
| Fire Department,                     | 2500 00            |
| Horses and Drivers,                  | 3300 00            |
| Street Lighting,                     | 4600 00            |
| Printing and Stationery,             | 1000 00            |
| Spring Grove Cemetery,               | 200 00             |
| Memorial Day,                        | 200 00             |
| State Aid,                           | 1600 00            |
| Military Aid,                        | 500 00             |
| Expenses of Almshouse,               | 4000 00            |
| Relief out of Almshouse,             | 5000 00            |
| Repairs on Almshouse,                | 500 00             |
| State Tax,                           | 6000 00            |
| County Tax,                          | 6000 00            |
| Discount on Taxes,                   | 3000 00            |
| Abatement of Taxes,                  | 300 00             |
| Interest on Notes, Funds, and Bonds, | 8500 00            |
| Insurance,                           | 300 00             |
| Hay Scales,                          | 50 00              |
| Shade Trees,                         | 100 00             |
| Miscellaneous,                       | 1500 00            |
| <b>Total,</b>                        | <b>\$122925 00</b> |

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| Financial Year,                  | 60      | State Tax,                     | 50, 59  |
| Fire Department,                 | 45, 57  | Street lighting,               | 46, 58  |
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TOWN OF ANDOVER.

FOURTH

ANNUAL REPORT

OF THE

WATER COMMISSIONERS,

FOR THE FINANCIAL YEAR ENDING

JANUARY 10, 1893.

...

ANDOVER, MASS ,  
THE ANDOVER PRESS, PRINTERS.  
1893.



# R E P O R T.

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## *To the Citizens of Andover:—*

Your Board of Water Commissioners submit the following report, exhibiting the result of the operations of your Water System for the year ending January 10 1893:

|   |        |
|---|--------|
| Number of applications year ending Jan. 12, 1892, | 484 00 |
| Number for the year,                              | 83 00  |

|               |        |
|---------------|--------|
| Total to date | 567 00 |
|---------------|--------|

|                             |        |
|-----------------------------|--------|
| Water takers Jan. 12, 1892, | 637 00 |
| “ Jan. 10, 1893,            | 751 00 |

|                       |        |
|-----------------------|--------|
| Increase for the year | 114 00 |
|-----------------------|--------|

|  |           |
|--|-----------|
| Receipts from Water Rates year ending Jan. 12, 1892, | \$5349 32 |
| Water Rates year ending Jan. 10, 1893,               | 5977 41   |

|          |          |
|----------|----------|
| Increase | \$628 09 |
|----------|----------|

|                           |           |
|---------------------------|-----------|
| Water Rates for the year, | \$5977 41 |
| Operating Expenses,       | 3510 32   |

|   |           |
|---|-----------|
| Amount received above operating expenses, | \$2467 09 |
|---|-----------|

|  |           |
|--|-----------|
| Amount appropriated by the Town for maintenance, | \$3500 00 |
| Amount expended,                                 | 3491 22   |

|            |        |
|------------|--------|
| Unexpended | \$8 78 |
|------------|--------|

|                                     |           |
|-------------------------------------|-----------|
| Amount appropriated for new boiler, | \$2100 00 |
| Expended,                           | 2093 21   |

|            |        |
|------------|--------|
| Unexpended | \$6 79 |
|------------|--------|

|                                       |           |
|---------------------------------------|-----------|
| Amount appropriated for Service Pipe, | \$1000 00 |
| Amount expended,                      | \$3134 92 |
| Received from owners of buildings,    | 2297 50   |

|            |          |
|------------|----------|
| Unexpended | 837 42   |
|            | \$162 58 |

|                                      |           |
|--------------------------------------|-----------|
| Amount appropriated for Land Damage, | \$1500 00 |
| Paid for Reservoir Lot,              | 1375 00   |
|                                      | <hr/>     |
| Unexpended                           | \$125 00  |

The Town by vote March 7, 1892, authorized and instructed this Board to petition the Legislature for permission to issue Water Bonds to an amount not exceeding forty thousand dollars, in addition to those already issued, to be used from time to time in improving and extending the water system. Permission was granted by an act approved by the Governor, April 20, 1892.

At a special Town Meeting held for this purpose May 13, 1892, it was voted to issue ten thousand dollars' worth of bonds under the above act redeemable in thirty years and bearing interest at 4 per cent, and secured by a Sinking Fund then established, as in such cases provided these bonds were to be sold to the highest bidder and all premiums received therefor to be placed in the Sinking Fund. The highest bid received was from N. W. Harris & Co., of Boston, who offered 103.315 or a premium of \$33.15 on each bond and \$331.50 on the issue which amount the Treasurer was authorized to deposit in the Broadway Savings Bank to the credit of the Sinking Fund for this issue of bonds. There has been expended out of this amount

|                                 |         |           |
|---------------------------------|---------|-----------|
| For office fixtures,            | 28 61   |           |
| Buildings at station,           | 21 43   |           |
| Pipe distribution,              | 6283 16 |           |
| Tools at shop,                  | 192 11  |           |
| Tools at station,               | 34 61   | 6559 92   |
|                                 | <hr/>   |           |
| Leaving a balance unexpended of |         | \$3440 08 |

Under the above head of Pipe Distribution we have extended Steet lines on Porter Street, from Salem Street to Ira Eastman's 258 feet of 6-inch pipe, on Elm Street from Washington Avenue to M. C. Andrews' barn, 2882 feet of 6-inch pipe, and from the Ink Factory in Frye Village, on Main and Union Streets, to the Lawrence line, 2316 feet 6-inch pipe.

On B Street leading from the Lowell Road to Charles O'Hara's 829 feet 6-inch pipe, and connected the lines on Washington Avenue with 653 feet 4-inch pipe and 10 feet, 6 inch. These lines were provided with Hydrants and Valves, as were required. We have also raised on Main Street five Hydrants to correspond to the new grade of the street. There are several extensions that should be made the coming year. The most important is connecting the dead ends on the road leading from West Parish to Frye Village. This, with some others of minor importance, will require about all of the balance remaining.

A settlement has been made with the owners of the Reservoir Lot, which completes the list of all bills and liabilities incurred in constructing the works. It is some satisfaction to know that all have been settled without litigation or extra expense to the Town.

A new Boiler of the perfect combustion pattern was purchased and appears to work very satisfactorily. We refer you to the Superintendent's Report for particulars relating to this and other matters.

The increase in the use of water means more pumping. This will increase the cost of maintenance, and we ask an appropriation of \$3800 for this purpose. The two Sinking Funds will require \$150 each.

During the past year there have been many disadvantages to contend with in doing the regular routine work required, and in attending to the various duties that naturally arise in the care and supervision of the works. The amount of pumping required now compels us to employ a regular engineer, but there is no place for him to live, unless it is a long distance from his daily work. It would be far better both for him and the safety of the valuable property in and about the station if he was near at hand. We have no shop at present, either to prepare pipe or to do ordinary repairs. We have depended on hired teams since the works were started which has been expensive and oftentimes very unsatisfactory. Under these circumstances we think the time has

come when these should be provided and owned by the Town, both as a matter of economy and for the better care and protection of your valuable property.

Your Commissioners, therefore, ask authority to issue ten thousand dollars' worth of bonds, the present year part to be used for the above purposes which will require some \$4000, the remainder to be used in extending and improving the system from time to time as the case may demand.

Respectfully submitted,

|                    |   |  |
|--------------------|---|--|
| J. P. BUTTERFIELD, | } | <i>Board of<br/>Water Commissioners.</i> |
| JOHN H. FLINT,     |   |  |
| FELIX G. HAYNES.   |   |  |

## SINKING FUND.

The Sinking Fund Commissioners present the following report:

## ISSUE OF 1890.

|   |           |
|---|-----------|
| To redeem bonds Nos. 151 to 160 inclusive.        |           |
| To balance Jan. 12, 1892,                         | \$1262 67 |
| Received from Town of Andover,                    | 150 00    |
| Received from interest from Andover Savings Bank, | 38 25     |
| Received from interest from Essex Savings Bank,   | 21 36     |
|   | <hr/>     |
|   | \$1472 28 |

Invested as follows:

|                                    |           |
|------------------------------------|-----------|
| Deposited in Andover Savings Bank, | 921 65    |
| Deposited in Essex Savings Bank,   | 550 63    |
|                                    | <hr/>     |
|                                    | \$1472 28 |

## ISSUE OF 1892.

|   |          |
|---|----------|
| To redeem bonds Nos. 161 to 170 inclusive.    |          |
| Received premium on bonds,                    | \$331 50 |
| Received interest from Broadway Savings Bank, | 3 31     |
|   | <hr/>    |
|   | \$334 81 |

Invested as follows:

|                                  |          |
|----------------------------------|----------|
| Deposited Broadway Savings Bank, | \$334 81 |
|----------------------------------|----------|

|                    |   |                       |
|--------------------|---|-----------------------|
| J. P. BUTTERFIELD, | { | <i>Water Loan</i>     |
| JOHN H. FLINT,     |   | <i>Sinking Fund</i>   |
| FELIX G. HAYNES,   |   | <i>Commissioners.</i> |



## FINANCIAL STATEMENT.

## RECEIPTS.

|  |           |
|--|-----------|
| Geo. Saunders, fitting,                            | \$0 15    |
| Smith & Dove Mfg Co., repairing leak in fire pipe, | 40        |
| C. L. Bailey, scrap casting,                       | 75        |
| J. G. Lufkin, horse hire,                          | 75        |
| W. H. Phelps, pipe,                                | 75        |
| Smith & Manning, repairing motor,                  | 80        |
| Geo. W. Spickler, wood,                            | 1 00      |
| Hardy & Cole, surveying,                           | 1 25      |
| Turning on water,                                  | 2 00      |
| Murrey Brothers Co., surveying,                    | 3 50      |
| Lawrence Water Works, pipe,                        | 7 19      |
| T. A. Holt & Co., labor on motor,                  | 4 80      |
| Trustees Phillips Academy, pipe,                   | 8 46      |
| Town of Andover, pipe,                             | 9 32      |
| Service pipe,                                      | 2297 50   |
| Water rates,                                       | 5977 41   |
|  | <hr/>     |
|  | \$8316 03 |
| Paid Town Treasurer,                               |           |
| Pipe account,                                      | \$2338 62 |
| Water rates,                                       | 5977 41   |
|  | <hr/>     |
|  | \$8316 03 |

## APPROVED BILLS.

## OFFICE FIXTURES.

|  |       |
|--|-------|
| W. P. Minor, rubber stamp,                     | 75    |
| Smith & Manning, mat and netting,              | 1 16  |
| Brainard Cummings, making and putting up sign, | 5 70  |
| Charles Muster, painting sign,                 | 10 00 |
| Hardy & Cole, window and door screens,         | 11 00 |
|  | <hr/> |
|  | 28 61 |

## MAINTENANCE.

|   |        |
|---|--------|
| H. F. Chase, fitting keys,                      | \$0 40 |
| Anderson and Bowman, repairing tools,           | 70     |
| Lawrence Hardware Co., waste,                   | 1 00   |
| Walworth Mfg. Co., service box,                 | 1 35   |
| Geo. F. Cheever, sealing scales,                | 1 50   |
| Chas. F. Smith, labor,                          | 1 50   |
| American Ex. Co., express,                      | 1 85   |
| James Hayes, labor,                             | 2 10   |
| Chas. Kerley, labor,                            | 2 25   |
| Craighead & Kintz Mfg. Co., lamps and brackets, | 2 58   |
| B. Brown, rubber boots,                         | 2 50   |
| E. C. Pike, supplies,                           | 2 55   |
| H. McLawlin, supplies,                          | 2 33   |
| Thomas Leslie, labor,                           | 3 00   |
| Brown's Express, express on meters and tools,   | 3 00   |
| National Meter Co., repairing meter,            | 3 10   |
| John N. Cole, stationery,                       | 3 64   |
| Gilchrist & Taylor, supplies,                   | 5 07   |
| Tyer Rubber Co., oil and valves,                | 6 73   |
| Patrick McMullen, labor,                        | 7 35   |
| H. W. Johns Mfg. Co., asbestos covering,        | 8 45   |
| Edward Byrne, labor,                            | 10 38  |
| Smith & Manning, supplies,                      | 13 87  |
| F. L. Trefethen, packing,                       | 13 95  |
| P. D. Smith, wood,                              | 16 50  |
| Geo. F. Blake Mfg. Co., valve springs,          | 19 20  |
| Andover Press, printing,                        | 19 25  |
| A. Marland, Post-master, stamps and box rent,   | 19 50  |
| F. R. Goodwin, labor,                           | 29 50  |
| J. S. Dearborn, painting hydrants,              | 35 40  |
| Geo. Goodhue, labor and fittings,               | 37 08  |
| Perrin Seamans & Co., supplies,                 | 43 34  |
| W. H. White, engineer and fireman,              | 54 00  |
| James Bourdelais, carting coal,                 | 70 34  |

*Carried forward,*

---

\$445 26

|                                       |           |
|---------------------------------------|-----------|
| <i>Brought forward,</i>               | \$445 26  |
| A. Palm, wood,                        | 73 50     |
| John L. Smith, horse hire.            | 73 50     |
| B. & M. R. R. Co., freight,           | 129 32    |
| Peter Riley, fireman,                 | 139 50    |
| F. L. Davis, engineer and fireman,    | 180 00    |
| G. W. Spickler, engineer and fireman, | 236 00    |
| W. H. Higgins, horse hire,            | 254 50    |
| J. Albert Walker & Co., coal,         | 526 61    |
| F. A. Andrews, salary,                | 676 93    |
| John E. Smith, salary,                | 775 15    |
|                                       | <hr/>     |
|                                       | \$3510 32 |

## CREDIT, MAINTENANCE.

|   |         |
|---|---------|
| Geo. Saunders, fittings,                            | \$0 15  |
| Smith & Dove Mfg. Co., repairing leak in fire pipe, | 40      |
| C. L. Bailey, broken casting,                       | 75      |
| J. G. Lufkin, horse and wagon,                      | 75      |
| Smith & Manning, repairing motor,                   | 80      |
| Geo. W. Spickler, wood,                             | 1 00    |
| Hardy & Cole, surveying,                            | 1 25    |
| Turning on water,                                   | 2 00    |
| Murrey Bros. Co., surveying,                        | 3 50    |
| E. C. Pike, repairing meter,                        | 3 70    |
| T. A. Holt & Co., labor on water motor,             | 4 80    |
|   | <hr/>   |
|   | \$19 10 |

## BUILDINGS AT PUMPING STATION.

|                                |         |
|--------------------------------|---------|
| American Express Co., express, | \$ 15   |
| E. C. Pike, pipe and fittings, | 2 28    |
| Star Brass Mfg. Co., clock,    | 19 00   |
|                                | <hr/>   |
|                                | \$21 43 |

## TOOLS AT SHOP.

|                               |       |
|-------------------------------|-------|
| Brown's Express, express,     | \$ 40 |
| B. & M. R. R. Co., freight,   | 51    |
| Henry McLawlin, stone hammer, | 60    |
|                               | <hr/> |

*Carried forward,* \$1 51

|                                       |          |
|---------------------------------------|----------|
| <i>Brought forward,</i>               | \$1 51   |
| Anderson & Bowman, calking tools,     | 2 75     |
| John E. Smith, salary,                | 4 95     |
| Union Water Meter Co., linging press, | 50 00    |
| Walworth Mfg. Co., tools,             | 132 90   |
|                                       | <hr/>    |
|                                       | \$192 11 |

## TOOLS AT PUMPING STATION.

|                                      |         |
|--------------------------------------|---------|
| Brown's Express, express,            | \$ 15   |
| Lawrence Rubber Co., floor scraper,  | 65      |
| Lawrence Hardware Co., supplies,     | 1 25    |
| Henry McLawlin, supplies,            | 1 80    |
| Tyer Rubber Co., mould,              | 5 00    |
| Gilchrist & Taylor, tools,           | 8 26    |
| F. L. Trefethen, flue cleaner,       | 8 50    |
| McDonald & Warner, extension ladder, | 9 00    |
|                                      | <hr/>   |
|                                      | \$34 61 |

## WATER AND LAND DAMAGE.

|                                      |           |
|--------------------------------------|-----------|
| Abbie H. Sawyer, land for reservoir, | \$1375 00 |
|--------------------------------------|-----------|

## SERVICE PIPE.

|                                     |           |
|-------------------------------------|-----------|
| E. C. Pike, ball cock,              | \$ 50     |
| Anderson & Bowman, repairing tools, | 85        |
| Frank McCuskee,                     | 1 50      |
| J. L. Smith, horse hire,            | 1 50      |
| B. & M. R. R. Co., freight,         | 1 95      |
| Brown's Express, evpress,           | 1 70      |
| American Express Co., express,      | 2 15      |
| Patrick McMullen, labor,            | 6 00      |
| Walworth Mfg. Co., gate boxes,      | 9 48      |
| Edward Byrne, labor,                | 13 38     |
| Hersey Mfg. Co., meters,            | 19 12     |
| Wm. H. Higgins, horse hire,         | 39 00     |
| National Meter Co., meters,         | 158 30    |
| John E. Smith, salary,              | 200 05    |
| Thomson Meter Co., meters,          | 358 20    |
| Geo. Goodhue, labor,                | 2321 25   |
|                                     | <hr/>     |
|                                     | \$3134 93 |

|   |           |
|---|-----------|
| Credit, various parties, service pipe and meters, | \$2297 50 |
|---|-----------|

### PIPE DISTRIBUTION.

|  |                  |
|--|------------------|
| Western Union Telegraph Co., message,  | 40               |
| John N. Cole, location book,           | 45               |
| Bell Telephone Co., message,           | 60               |
| Brown's Express, express,              | \$2 30           |
| Davis & Farnham M'f'g Co., pipe,       | 2 63             |
| Hardy & Cole, lumber,                  | 2 75             |
| George A. Parker, type writing,        | 3 89             |
| Boston & Maine Railroad Co., freight,  | 11 60            |
| William H. Higgins, horse hire,        | 28 50            |
| F. G. Bufford, printing bonds,         | 32 00            |
| Walworth M'f'g Co., valve boxes,       | 34 88            |
| George W. Chandler, carting pipe,      | 87 10            |
| J. E. Smith, salary,                   | 165 84           |
| George Goodhue, laying pipe,           | 2,407 58         |
| Ludlow Valve Co., valves and hydrants, | 378 26           |
| Jackson & Woodin M'f'g Co., pipe,      | 3,150 10         |
|  | <hr/> \$6,308 88 |

### CREDIT, PIPE DISTRIBUTION.

|                                  |               |
|----------------------------------|---------------|
| W. H. Phelps, piece pipe,        | 75            |
| Lawrence Water Works, pipe,      | \$7 19        |
| Trustees Phillips Academy, pipe, | 8 46          |
| Town of Andover, pipe,           | 9 32          |
|                                  | <hr/> \$25 72 |

### NEW BOILER.

|                                       |         |
|---------------------------------------|---------|
| Lawrence Hardware Co., screws,        | 05      |
| Anderson & Bowman, iron,              | 50      |
| American Express Co., express,        | 55      |
| Brown's Express Co., express,         | \$2 75  |
| John L. Smith, horse hire,            | 3 00    |
| Boston & Maine Railroad Co., freight, | 5 46    |
| Hardy & Cole, lumber,                 | 8 14    |
| George W. Chandler, carting,          | 10 50   |
|                                       | <hr/>   |
| <i>Carried forward,</i>               | \$30 95 |

|  |            |
|--|------------|
| <i>Brought forward,</i>                | \$30 95    |
| William H. Higgins, horse hire,        | 16 50      |
| Gilchrist & Taylor, pipe and fittings, | 52 30      |
| John E. Smith, salary,                 | 60 35      |
| M. E. White, mason work,               | 65 00      |
| Complete Combustion Co., boiler,       | 1,868 11   |
|  | <hr/>      |
|  | \$2,093 21 |

## SUMMARY OF APPROVED BILLS.

|                               |             |
|-------------------------------|-------------|
| Buildings at Pumping Station, | \$21 43     |
| Office fixtures,              | 28 61       |
| Tools at Pumping Station,     | 34 61       |
| Tools at shop,                | 192 11      |
| Water and land damage,        | 1,375 00    |
| Pumping plant,                | 2,093 21    |
| Service pipe,                 | 3,134 93    |
| Maintenance,                  | 3,510 32    |
| Pipe distribution,            | 6,308 88    |
|                               | <hr/>       |
|                               | \$16,699 10 |

## COST OF CONSTRUCTION.

|                               |              |
|-------------------------------|--------------|
| Tools at shop,                | \$296 43     |
| Tools at Pumping Station,     | 349 73       |
| Office fixtures,              | 490 63       |
| Coal shed,                    | 806 97       |
| Pump connections,             | 948 86       |
| Pumping plant foundations,    | 1,248 59     |
| Suction pipe,                 | 1,309 46     |
| Grading land,                 | 1,359 05     |
| Water and land damage,        | 3,493 15     |
| Engineering expenses,         | 6,550 69     |
| Service pipe,                 | 6,900 23     |
| Buildings at Pumping Station, | 7,314 39     |
| Pumping plant,                | 11,037 20    |
| Reservoir,                    | 11,060 06    |
| Pipe distribution,            | 119,661 69   |
|                               | <hr/>        |
|                               | \$172,827 13 |



## SUPERINTENDENT'S REPORT.

*To the Board of Water Commissioners :*

I herewith present my report for the year ending January 10, 1893.

During the year there has been laid 6304.8 feet of 6-inch and 1044 feet of 4-inch pipe, a total of 7348.8 feet or nearly one and a half miles. Total length of mains in service January 10, 1893, 22 37-100 miles. There have been set three 6-inch and one 4-inch valves and nine hydrants as follows :

Main Street, from Donald's Ink Factory to Union Street, 382 feet of 6-inch pipe, one 6-inch valve.

Union Street, from Main Street to Lawrence line, 1934 feet of 6-inch pipe, three hydrants.

Porter Street, from Salem Street to Ira Eastman's, 258 feet of 6-inch pipe, one 6-inch valve.

Elm Street, from Washington Avenue to M. C. Andrews', 2881.9 feet of 6-inch pipe, one 6-inch valve, three hydrants.

B Street, from Village Street to Chas O'Hara's, 829.1 feet of 6-inch pipe, one hydrant.

Washington Avenue, connecting dead ends, 653 feet of 4-inch and 10 feet of 6-inch pipe, one hydrant.

J. H. Richardson, private line, 391 feet of 4-inch and 9.2 feet of 6-inch pipe, one 4-inch valve, one hydrant.

On Main Street, three hydrants were raised six inches and two 1 foot at an expense of \$31.20 which was charged to pipe distribution.

There have been received 87 applications for service pipes, two of which were revoked, and in two cases one pipe answered two applications, making 83 services laid during the year. The following schedule shows work in this department :



| Laid during 1892.       | Kind,                               | Cement Lined.     | Cement Lined.  | Cement Lined.        | Lead.               | Lead.      | Cast-Iron.    | Total.           |
|-------------------------|-------------------------------------|-------------------|----------------|----------------------|---------------------|------------|---------------|------------------|
|                         | Size,                               | $\frac{3}{4}$ In. | 1 Inch.        | $1\frac{1}{2}$ Inch. | $\frac{3}{8}$ Inch. | 1 Inch.    | 4 Inch.       |                  |
|                         | No. of Services,                    | 76                | 5              |                      | 1                   |            | 1             | 83               |
|                         | Owned by Town,<br>Owned by Individ. | 2100.1<br>2881.6  | 207.6<br>784.6 |                      | 48.1<br>133.4       |            | 62.2<br>338.0 | 2418.0<br>4137.6 |
|                         | Total for 1892,                     | 4981.7            | 992.2          |                      | 181.5               |            | 400.2         | 6555.6           |
| Prev.<br>Jan.,<br>R'p'd | No. of Services,<br>Length in feet, | 434<br>28289.8    | 18<br>4399.7   | 5<br>1323.5          | 3<br>259.0          | 1<br>111.5 | 1<br>338.0    | 462<br>34721.5   |
| Dis-<br>cont.,<br>'92.  | No. of Services,<br>Length in feet, | 3<br>131.9        |                |                      |                     |            |               | .3<br>131.9      |
| Total<br>Jan.,<br>'93   | No. of Services,<br>Length in feet, | 507<br>33139.6    | 23<br>5391.9   | 5<br>1323.5          | 4<br>440.5          | 1<br>111.5 | 2<br>738.2    | 542<br>41145.2   |

We are now providing water for 1 hotel, 1 public stable, 5 buildings for manufacturing purposes, 24 stores and offices, 7 greenhouses, 3 laundries, 3 churches, 2 depots, 1 race track, 5 club houses and 662 families from which we receive an income.

The Town is furnished without charge with water for the Memorial Hall, town house, town farm, town stables, 2 engine houses, 5 school houses, 4 fountains, 4 stand-pipes for street sprinkling and 174 hydrants.

There have been set during the year 49 meters, namely: one 3-4 inch Thomson, one 3-4 inch Nash, thirty-five 5-8 inch Thomson, eleven 1-2 inch Nash, one 5-8 inch Hersey disk.

The following list shows number, size, and style of meters in service January 10, 1893 :

| SIZE.              | MANUFACTURER'S NAME. |                    |               |         |                 |      |       | Totals. |
|--------------------|----------------------|--------------------|---------------|---------|-----------------|------|-------|---------|
|                    | Crown.               | Metro-<br>politan. | Thom-<br>son. | Hersey. | Hersey<br>Disk. | Gem. | Nash. |         |
| $\frac{1}{2}$ Inch | 84                   |                    |               |         |                 |      | 11    | 95      |
| $\frac{3}{4}$ Inch |                      | 1                  | 58            | 1       | 1               |      |       | 61      |
| 1 Inch             | 3                    | 1                  | 1             |         |                 |      | 1     | 6       |
| 1 Inch             | 6                    |                    | 2             |         |                 |      |       | 8       |
| 2 Inch             |                      |                    |               |         |                 | 1    |       | 1       |
| Totals,            | 93                   | 2                  | 61            | 1       | 1               | 1    | 12    | 171     |

# THE ANDOVER WATERWORKS. MONTHLY RECORD OF PUMPING SERVICE.

| Month.     | Days. | Time.   | Gallons pumped. | Lift, including friction and suction. | LBS. OF COAL USED. |                         |         | DUTY.                 |                                 |
|------------|-------|---------|-----------------|---------------------------------------|--------------------|-------------------------|---------|-----------------------|---------------------------------|
|            |       |         |                 |                                       | Pumping.           | Banking, Starting, etc. | Total.  | By coal used pumping. | Foot-pounds with 100 lbs. Coal. |
|            |       |         |                 | feet.                                 |                    |                         |         |                       | gallons.                        |
| January,   | 13    | h. m.   | 5,892,565       | 300                                   | 16,700             | 4550                    | 21,250  | 88,282,620            | 69,379,753                      |
| February,  | 13    | 81 48   | 5,689,810       | 300                                   | 16,700             | 3100                    | 19,800  | 85,244,936            | 71,898,508                      |
| March,     | 13    | 78 56   | 5,543,475       | 300                                   | 16,100             | 2937                    | 19,037  | 86,147,666            | 72,856,932                      |
| April,     | 12    | 77 34   | 6,105,960       | 300                                   | 19,650             | 2700                    | 22,350  | 77,745,105            | 68,351,963                      |
| May,       | 14    | 85 16   | 6,598,445       | 300                                   | 22,850             | 2900                    | 25,750  | 72,250,806            | 64,113,823                      |
| June,      | 14    | 92 14   | 7,434,315       | 300                                   | 24,275             | 2800                    | 27,075  | 76,624,744            | 68,696,757                      |
| July,      | 15    | 104 22  | 8,465,905       | 300                                   | 26,200             | 3000                    | 29,200  | 80,846,161            | 72,540,048                      |
| August,    | 15    | 120 14  | 8,172,185       | 300                                   | 21,674             | 3000                    | 24,674  | 94,337,946            | 82,867,824                      |
| September, | 15    | 117 13  | 7,913,395       | 300                                   | 28,597             | 3000                    | 31,597  | 69,235,633            | 62,978,745                      |
| October,   | 15    | 114 37  | 8,158,430       | 300                                   | 29,800             | 3200                    | 33,000  | 68,497,925            | 61,855,733                      |
| November,  | 15    | 117 56  | 7,680,505       | 300                                   | 31,200             | 3900                    | 35,100  | 61,591,741            | 54,748,215*                     |
| December,  | 16    | 112 07  | 7,963,200       | 300                                   | 30,400             | 5000                    | 35,400  | 65,539,230            | 56,282,277                      |
|            |       | 111 29  |                 |                                       |                    |                         |         |                       |                                 |
| Totals,    | 170   | 1233 46 | 85,618,190      | 300                                   | 284,146            | 40,087                  | 324,233 | 75,424,888            | 66,099,622                      |
|            |       |         |                 |                                       |                    |                         |         |                       | 253,930                         |

Pumped 301.32 gallons per lb. of coal used by Pumps; 264.61 per lb. total coal used.  
 Raised 100 feet 903.96 gallons per lb. of coal used by Pumps; 793.83 per lb. total coal used.  
 \* Running new boiler before the non-conducting covering had been put on.

Contracts were made for Boiler No. 2 early in April, and work on the foundations begun. Owing to a strike among the boiler makers, it was late in November before the boiler was in shape to be run with economy. It is now completed and doing as well as Boiler No. 1. While putting in the foundations for Boiler No. 2 it was deemed advisable to take out the brick floor and construct a pit eighteen inches deep under both boilers, making the bottoms accessible for examination and repairs. This work was charged to the appropriation for "New Boiler."

The pumps were thoroughly overhauled in December, improving the duty about 15 per cent. Owing to the increased work to be performed, it was thought advisable to procure the services of an experienced engineer to run the pumps, and after several changes Mr. George W. Spickler was installed in that capacity.

Annexed will be found the records showing duty of pumps. Average daily consumption, etc.

Main pipe stock on hand January 10, 1893.

|           | Pipe.     | Gates. | Plugs. | Sleeves. | $\frac{1}{8}$ Bends. | $\frac{1}{4}$ Bends. | $\frac{3}{8}$ Bends. | Reducers. | Crosses. | 4 in. Tees. | 6 in. Tees. | 8 in. Tees. |
|-----------|-----------|--------|--------|----------|----------------------|----------------------|----------------------|-----------|----------|-------------|-------------|-------------|
| 14th Run, | 168 feet  |        |        | 3        |                      |                      | 9                    | 1         |          |             |             |             |
| 12th Run, | 48 feet   | 2      | 1      | 2        |                      | 2                    | 2                    | 1         |          |             | 3           | 1           |
| 10th Run, | 724 feet  |        | 1      | 2        |                      |                      |                      | 1         | 2 4"     |             | 2           |             |
| 8th Run,  | 600 feet  | 2      |        | 3        |                      | 4                    |                      | 1         |          | 3           | 1           |             |
| 6th Run,  |           |        |        |          |                      |                      |                      |           |          |             |             |             |
| Class A.  | 360 feet  | 3      | 6      | 2        | 6                    |                      | 4                    | 1 6"      |          | 1           | 8           |             |
| Class B.  | 1632 feet |        |        |          |                      |                      |                      |           |          |             |             |             |
| 4th Run,  | 48 feet   | 1      | 2      | 1        | 3                    | 2                    |                      |           |          | 2           | 2           |             |

2 Hydrants.

6 Valve-boxes.

This does not include any cut pipe.

There have been repaired thirty leaks on joints, two split pipes, and three hydrants. These leaks have, in almost every case, been caused by defective workmanship, and have been about equally divided between the old and new lines of pipe.

Respectfully submitted,

JOHN E. SMITH.



